Old Dominion University Research Foundation

To: Distribution

From: Dr. John Nunnery
Acting Executive Director

Date: January 3, 2022

Subject: Annual Report of Sponsored Program Activity - June 30, 2021

Attached please find the Annual Report of Sponsored Program Activity for the fiscal year ended June 30, 2021. This report measures sponsored program activity administered through Old Dominion University Research Foundation by the amount of actual expenditures (direct costs and indirect cost recoveries) incurred during the fiscal year. Unrecovered indirect cost is not included in this report. This report includes sponsored program activity administered by the Research Foundation for Old Dominion University and for certain independent affiliates with the University. Included in the report is a schedule of proposals submitted and awards funded for the fiscal year ended June 30, 2021 and the four previous fiscal years. Proposal activity is based upon the total dollar amount requested from sponsoring agencies exclusive of institutional or third party cost share amounts. Award activity reflects the dollar amount of actual funding committed during the reporting period.

The format of the report separately discloses the sponsored program activities of the core University units and the activity of affiliated units. The core University units include all of the academic departments, enterprise centers, and self-supporting research positions (SSRPs). The affiliated units reflect sponsored programs of the Virginia Space Grant Consortium and the Tidewater Consortium for Higher Education.

Some key points to note with respect to the core University activity are as follows:

- University research expenditures increased by 1.90% from fiscal year 2020 to $45.9 million.
- Expenditures in excess of $1 million ranked by funding source for the fiscal year were:

U.S. Department of Education	$ 6.2 million
National Science Foundation	$ 5.6 million
U.S. Department of Health and Human Services	$ 4.9 million
Virginia Department of Education	$ 1.8 million
U.S. Navy	$ 1.8 million
U.S. Department of Energy	$ 1.8 million
National Aeronautics and Space Administration	$ 1.7 million
John Templeton Foundation	$ 1.7 million
Jefferson Science Associates, LLC (JLAB)	$ 1.5 million
Old Dominion University	$ 1.4 million
U.S. Air Force	$ 1.3 million
Virginia Department of Environmental Quality	$ 1.3 million

- The above rankings include agency funding passed-through from the University.

- Activity of individual faculty conducting research through University-wide enterprise centers is reflected under the faculty member's home department. The research activity of core staff assigned to an enterprise center is reflected in the center's activity. SSRPs, the Virginia Modeling, Analysis and Simulation Center (VMASC), and the Frank Reidy Research Center for Bioelectrics core staff activities are reported under the Office of Research and Other Units.

- University departments exceeding $1 million in expenditures for the fiscal year were:

Virginia Modeling, Analysis and Simulation Center	$ 7.7 million
Communication Disorders and Special Education	$ 5.0 million
Physics	$ 3.6 million
Ocean & Earth Science	$ 2.6 million
Biological Sciences	$ 2.6 million
Electrical & Computer Engineering	$ 2.2 million
Computation Modeling & Simulation Engineering	$ 2.1 million
Chemistry and Biochemistry	$ 1.8 million
Institute for Innovation & Entrepreneurship	$ 1.5 million
Mechanical and Aerospace Engineering	$ 1.4 million
Frank Reidy Center for Bioelectrics	$ 1.4 million
Computer Sciences	$ 1.2 million
Nursing	$ 1.1 million
The Center for Educational Partnerships	$ 1.1 million
Civil & Environmental Engineering	$ 1.0 million
Medical Diagnostic and Translational Sciences	$ 1.0 million

- Total University proposal submissions during fiscal year 2021 increased 1.4% to $250.9 million dollars. Total University award funding decreased 9.8% from fiscal year 2020 levels to $51.6 million dollars.

Should you have any questions concerning the enclosed report please do not hesitate to contact Casey Golliher at 683-7211 (e-mail cgollihe@odu.edu) or me at 683-3596 (e-mail jnunnery@odu.edu).

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SCHEDULE 1

Summary of Sponsored Program Activity

Fiscal Year 2021 through Fiscal Year 2016

SCHEDULE 1
OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
SUMMARY OF SPONSORED PROGRAM ACTIVITY

(MEASURED BY EXPENDITURES INCURRED)

FISCAL YEAR 2021 THROUGH FISCAL YEAR 2016

	FY 21	FY 20	FY 19	FY 18	FY 17	FY 16
COLLEGE OF ARTS & LETTERS						
Dean's Office	$ 2,000	$ 1	$ 1,999	$ -	$ -	$ 2,129
Art	39	1,759	-	-	-	-
Communication & Theatre Arts	-	-	-	-	2,075	33,450
English	105,717	153,783	126,801	106,763	63,828	50,117
History	1,308	37,771	17,014	75,116	6,300	4,259
Political Science & Geography	134,431	97,023	74,398	77,207	27,324	61,425
Philosophy & Religious Studies	10,090	-	-	-	14,629	3,455
Philosophy & Religious Studies - Cybersecurity	-	16,401	2,818	-	-	-
Social Science Research Center	158,591	144,726	148,221	208,762	166,351	149,199
Sociology & Criminal Justice	379,583	601,295	743,055	766,128	475,311	12,752
College Total	$ 791,759	$ 1,052,759	$ 1,120,771	$ 1,242,232	$ 770,946	$ 316,786
% Change from prior year	-24.79%	-6.07%	-9.78%	61.13%	143.37%	12.71%
Average yearly increase (decrease)	29.99%					
STROME COLLEGE OF BUSINESS						
Economics	$ 56,857	$ 71,744	$ 139,880	$ 123,154	$ 70,370	$ 126,425
Finance	-	-	-	-	-	2,444
Information Systems & Decision Sciences	267,168	254,822	224,332	95,253	139,319	158,436
Information Systems & Decision Sciences - Cybersecurity	1,619	19,348	78,759	66,241	381	-
Management	82,294	-	-	-	663	1,293
Marketing	-	8,953	-	13,760	12,308	3,863
Public Service	226,168	68,257	43,697	46,269	25,276	10,262
College Total	$ 634,106	$ 423,124	$ 486,668	$ 344,677	$ 248,316	$ 302,722
% Change from prior year	49.86%	-13.06%	41.20%	38.81%	-17.97%	82.36%
Average yearly increase (decrease)	21.89%					

SCHEDULE 1

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
SUMMARY OF SPONSORED PROGRAM ACTIVITY

(MEASURED BY EXPENDITURES INCURRED)
FISCAL YEAR 2021 THROUGH FISCAL YEAR 2016

	FY 21	FY 20	FY 19	FY 18	FY 17	FY 16
DARDEN COLLEGE OF EDUCATION & PROFESSIONAL STUDIES						
Dean's Office	$ 764,725	$ 506,302	$ 430,047	$ 498,687	$ 465,485	$ 436,482
Dean's Office - Cybersecurity	107	16,401	2,818	-	-	-
Center for Educational Partnerships	1,075,947	842,939	479,755	555,811	3,240,456	5,183,002
Communication Disorders and Special Education	5,024,178	4,499,676	4,231,210	3,812,902	3,842,934	3,708,022
Counseling and Human Services	587,402	422,711	368,595	299,968	345,081	72,310
Counseling and Human Services - Cybersecurity	8,436	1,797	-	-	-	-
Educational Foundations and Leadership	182,162	235,720	186,213	229,172	562,137	816,336
Human Movement Sciences	428,141	206,586	9,228	30,066	48,658	41,308
STEM Education and Professional Studies	155,498	63,385	144,548	283,082	842,959	1,320,821
Teaching and Learning	631,020	395,707	259,091	308,853	410,023	520,525
College Total	$ 8,857,616	$ 7,191,225	$ 6,111,506	$ 6,018,542	$ 9,757,734	$ 12,098,806
% Change from prior year	23.17%	17.67%	1.54%	-38.32%	-19.35%	1.79%
Average yearly increase (decrease)	-5.36%					
BATTEN COLLEGE OF ENGINEERING & TECHNOLOGY						
Dean's Office	$ 372,513	$ 989,936	$ 1,271,521	$ 533,243	$ 415,031	$ 290,154
Civil & Environmental Engineering	1,037,283	742,504	942,355	1,013,126	1,381,257	890,440
Civil & Environmental Engineering - VMASC	-	-	-	-	-	47,474
Electrical & Computer Engineering	939,313	1,128,342	1,416,907	1,469,081	1,216,735	921,054
Electrical & Computer Engineering - ARC	397,949	407,780	466,449	475,757	504,233	591,501
Electrical & Computer Engineering - Bioelectrics	420,387	1,484,532	1,610,403	1,045,485	534,322	775,182
Electrical & Computer Engineering - Cybersecurity	405,503	635,254	838,891	65,508	43,706	-
Engineering Management and Systems Engineering	456,422	691,376	605,194	554,560	414,241	410,275
Engineering Management and Systems Engineering - NCSOSE	-	-	-	-	-	11,012
Engineering Management and Systems Engineering - Cybersecurity	-	-	300,740	-	-	-
Engineering Management and Systems Engineering - VMASC	-	110,832	-	-	-	-
Engineering Technology	380,751	286,616	432,985	726,117	811,348	861,881
Engineering Technology - VMASC	-	592,632	-	-	-	-
Mechanical & Aerospace Engineering	1,381,952	1,442,859	1,015,053	1,012,472	1,181,404	731,570
Mechanical & Aerospace Engineering - ARC	51,812	16,325	-	-	15,438	23,721
Computation Modeling & Simulation Engineering	539,644	714,939	1,735,799	567,858	578,878	505,132
Computation Modeling & Simulation Engineering - VMASC	1,602,777	1,335,995	-	690,251	597,087	2,003,612
Computation Modeling & Simulation Engineering - Cybersecurity	-	39,566	320,123	-	-	-
College Total	$ 7,986,306	$ 10,619,487	$ 10,956,419	$ 8,153,458	$ 7,693,679	$ 8,063,007
% Change from prior year	-24.80%	-3.08%	34.38%	5.98%	-4.58%	-11.76%
Average yearly increase (decrease)	-0.19%					

SCHEDULE 1

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
SUMMARY OF SPONSORED PROGRAM ACTIVITY

(MEASURED BY EXPENDITURES INCURRED)
FISCAL YEAR 2021 THROUGH FISCAL YEAR 2016

	FY 21	FY 20	FY 19	FY 18	FY 17	FY 16
COLLEGE OF HEALTH SCIENCES						
Dean's Office	$ -	$ 31,468	$ 44,825	$ 17,920	$ -	$ (72)
Community & Environmental Health	148,016	130,146	203,805	209,101	98,912	95,308
Dental Hygiene	7,493	4,849	6,225	(20,221)	42,674	53,022
Medical Diagnostic & Translational Sciences	343,322	207,806	263,858	428,063	691,061	358,374
Medical Diagnostic & Translational Sciences - Bioelectrics	690,072	1,328,351	2,031,413	2,422,581	2,216,849	2,479,922
Medical Laboratory & Radiation Sciences - VMASC	(27,653)	-	-	-	-	-
Nursing	1,128,753	631,623	647,734	1,077,828	1,937,351	1,362,754
Rehabilitation Sciences	37,031	53,055	80,785	122,050	80,427	100,441
College Total	$ 2,327,034	$ 2,387,297	$ 3,278,645	$ 4,257,321	$ 5,067,273	$ 4,449,749
% Change from prior year	-2.52%	-27.19%	-22.99%	-15.98%	13.88%	59.54%
Average yearly increase (decrease)	-9.54%					
COLLEGE OF SCIENCES						
Dean's Office	$ -	$ 7,803	$ 37,964	$ -	$ -	$ 1,420
Biological Sciences	2,550,614	2,795,851	2,755,586	2,535,072	2,039,337	1,742,699
Center for Coastal Physical Oceanography	944,135	1,056,101	811,361	822,626	939,208	693,392
Center for Coastal Physical Oceanography - MARI	-	10,976	40,412	107,505	58,186	32,915
Chemistry and Biochemistry	1,790,205	1,766,205	2,393,826	2,315,738	2,618,322	2,202,356
Chemistry and Biochemistry - ARC	-	4,319	3,917	357	-	-
Chemistry and Biochemistry - Bioelectrics	11,853	-	-	-	-	-
Chemistry and Biochemistry - VCERC	-	-	-	-	-	(5,971)
Computer Science	1,002,353	947,914	1,008,821	1,538,808	1,614,304	1,607,758
Computer Science - Cybersecurity	140,946	102,992	317,670	-	-	-
Computer Science - VMASC	37,669	170,644	107,538	-	-	-
Mathematics and Statistics	834,139	1,001,018	915,496	833,920	669,176	751,636
Ocean & Earth Science	1,663,460	2,213,734	2,839,369	2,606,361	2,722,270	3,229,908
Ocean & Earth Science - SSRP	-	-	-	499,463	558,257	349,294
Physics	3,573,217	3,702,326	3,874,396	3,439,875	3,571,771	3,562,835
Psychology	934,080	846,328	724,267	1,192,251	1,221,594	1,326,747
College Total	$ 13,482,671	$ 14,626,211	$ 15,830,622	$ 15,891,977	$ 16,012,427	$ 15,494,987
% Change from prior year	-7.82%	-7.61%	-0.39%	-0.75%	3.34%	12.50%
Average yearly increase (decrease)	-2.60%					

SCHEDULE 1

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
SUMMARY OF SPONSORED PROGRAM ACTIVITY

(MEASURED BY EXPENDITURES INCURRED)
FISCAL YEAR 2021 THROUGH FISCAL YEAR 2016

	FY 21	FY 20	FY 19	FY 18	FY 17	FY 16
OFFICE OF RESEARCH AND OTHER UNITS						
VMASC: Virginia Modeling, Analysis & Simulation Center	$ 7,677,760	$ 5,289,061	$ 3,699,337	$ 2,574,951	$ 2,386,352	$ 1,822,109
Frank Reidy Research Center for Bioelectrics	1,412,586	924,223	963,475	1,528,092	2,267,188	1,350,583
Center for Bioelectronics	154,790	-	-	-	-	-
Center for Cybersecurity	78,916	-	-	-	-	-
The Graduate School	487,368	97,345	81,109	169,352	-	-
Institute for Innovation & Entrepreneurship	1,500,990	1,184,410	1,174,567	1,313,045	1,709,338	1,658,975
Miscellaneous ODU Units	339,913	918,075	832,665	859,658	933,229	898,552
Miscellaneous ODU Units - Cybersecurity	207,631	370,004	217,001	184,928	-	-
Total Other Units	$ 11,859,954	$ 8,783,118	$ 6,968,154	$ 6,630,025	$ 7,296,107	$ 5,730,219
% Change from prior year	35.03%	26.05%	5.10%	-9.13%	27.33%	24.25%
Average yearly increase (decrease)	21.39%					
TOTAL UNIVERSITY ACTIVITY	$ 45,939,446	$ 45,083,222	$ 44,752,785	$ 42,538,232	$ 46,846,483	$ 46,456,275
% CHANGE FROM PRIOR YEAR	1.90%	0.74%	5.21%	-9.20%	0.84%	8.94%
Average yearly increase (decrease)	-0.22%					
AFFILIATED ACTIVITY						
Virginia Tidewater Consortium for Higher Education	571,298	541,907	662,057	576,141	575,071	633,094
Virginia Space Grant Consortium	3,239,152	3,240,748	3,486,217	3,485,841	3,499,493	3,369,477
TOTAL AFFILIATED ACTIVITY	$ 3,810,450	$ 3,782,655	$ 4,148,274	$ 4,061,982	$ 4,074,564	$ 4,002,572
% CHANGE FROM PRIOR YEAR	0.73%	-8.81%	2.12%	-0.31%	1.80%	-14.92%
Average yearly increase (decrease)	-0.96%					
GRAND TOTAL	49,749,896	48,865,877	48,901,059	46,600,214	50,921,047	50,458,846

SCHEDULE 2

Summary of University Activity

Major Funding Source

Fiscal Year 2021 through Fiscal Year 2017

SCHEDULE 2

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
SUMMARY OF UNIVERSITY ACTIVITY BY MAJOR FUNDING SOURCE
(MEASURED BY EXPENDITURES INCURRED)
FISCAL YEAR 2021 THROUGH FISCAL YEAR 2017

FUNDING SOURCE / AGENCY	FY21 Amount	FY21 Percent of Total	FY20 Amount	FY20 Percent of Total	FY19 Amount	FY19 Percent of Total	FY18 Amount	FY18 Percent of Total	FY17 Amount	FY17 Percent of Total
FEDERAL										
NATIONAL SCIENCE FOUNDATION	$ 5,583,997	11.2%	$ 6,472,115	13.2%	$ 8,433,159	17.2%	$ 6,529,391	14.0%	$ 6,984,990	13.7%
U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	4,938,749	9.9%	5,305,256	10.9%	5,989,608	12.2%	6,304,663	13.5%	6,633,833	13.0%
NATIONAL AERONAUTICS & SPACE ADMINISTRATION	1,708,492	3.4%	1,931,690	4.0%	2,383,714	4.9%	2,676,527	5.7%	2,623,896	5.2%
U.S. DEPARTMENT OF ENERGY	1,412,282	2.8%	1,526,120	3.1%	1,468,616	3.0%	1,487,637	3.2%	1,507,898	3.0%
U.S. NAVY	1,314,058	2.6%	2,399,234	4.9%	3,064,766	6.3%	1,833,264	3.9%	2,230,435	4.4%
U.S. DEPARTMENT OF EDUCATION	1,212,364	2.4%	1,271,400	2.6%	1,197,367	2.4%	1,467,534	3.1%	4,683,015	9.2%
SMALL BUSINESS ADMINISTRATION	811,646	1.6%	588,860	1.2%	472,226	1.0%	485,835	1.0%	483,600	0.9%
U.S. DEPARTMENT OF COMMERCE	405,496	0.8%	408,904	0.8%	183,203	0.4%	332,493	0.7%	456,805	0.9%
U.S. DEPARTMENT OF DEFENSE	287,422	0.6%	179,199	0.4%	146,561	0.3%	-	0.0%	94,468	0.2%
U.S. AIR FORCE	249,880	0.5%	547,168	1.1%	555,232	1.1%	590,066	1.3%	493,352	1.0%
AMES RESEARCH LABS	218,873	0.4%	187,742	0.4%	224,239	0.5%	102,068	0.2%	65,865	0.1%
U.S. ARMY	213,284	0.4%	499,768	1.0%	252,225	0.5%	194,987	0.4%	6,078	0.0%
FERMI NATIONAL ACCELERATOR LABORATORY	180,451	0.4%	260,965	0.5%	373,702	0.8%	167,137	0.4%	159,185	0.3%
U.S. DEPARTMENT OF JUSTICE	122,426	0.2%	218,227	0.4%	185,806	0.4%	136,825	0.3%	28,128	0.1%
U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT	105,709	0.2%	-	0.0%	-	0.0%	-	0.0%	52,377	0.1%
BROOKHAVEN NATIONAL LABORATORY	86,284	0.2%	120,229	0.2%	37,628	0.1%	42,079	0.1%	20,412	0.0%
NATIONAL SECURITY AGENCY	66,063	0.1%	82,733	0.2%	113,989	0.2%	229,410	0.5%	99,401	0.2%
U.S. DEPARTMENT OF AGRICULTURE	43,732	0.1%	74,916	0.2%	175,568	0.4%	167,973	0.4%	139,902	0.3%
NATIONAL ENDOWMENT FOR THE HUMANITIES	37,901	0.1%	31,024	0.1%	26,185	0.1%	230,079	0.5%	110,225	0.2%
INSTITUTE OF MUSEUM AND LIBRARY SERVICES	13,080	0.0%	(1)	0.0%	78,293	0.2%	161,725	0.3%	248,376	0.5%
OAK RIDGE NATIONAL LABORATORY	649	0.0%	60,133	0.1%	30,521	0.1%	13,172	0.0%	-	0.0%
U.S. FISH AND WILDLIFE SERVICES	-	0.0%	10,976	0.0%	66,331	0.1%	69,229	0.1%	58,186	0.1%
OTHER FEDERAL	82,424	0.2%	89,537	0.2%	81,897	0.2%	82,599	0.2%	54,574	0.1%
SUBTOTAL FEDERAL	$ 19,095,262	38.4%	$ 22,266,195	45.6%	$ 25,540,836	52.2%	$ 23,304,693	50.0%	$ 27,235,001	53.5%
STATE & LOCAL GOVERNMENT AND AGREEMENTS WITH OTHER UNIVERSITIES										
OLD DOMINION UNIVERSITY - SEE NOTE	$ 12,053,745	24.2%	$ 10,963,522	22.4%	$ 9,940,511	20.3%	$ 9,359,571	20.1%	$ 9,124,170	17.9%
STATE COUNCIL FOR HIGHER EDUCATION IN VIRGINIA (SCHEV)	722,709	1.5%	770,053	1.6%	858,379	1.8%	819,088	1.8%	659,301	1.3%
HAMPTON ROADS SANITATION DISTRICT COMMISSION	709,059	1.4%	328,485	0.7%	242,952	0.5%	172,771	0.4%	109,597	0.2%
VIRGINIA DEPARTMENT OF ECONOMIC DEVELOPMENT	600,679	1.2%	892,705	1.8%	-	0.0%	-	0.0%	-	0.0%
VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY	585,292	1.2%	389,892	0.8%	338,460	0.7%	336,387	0.7%	293,163	0.6%
VIRGINIA DEPARTMENT OF EMERGENCY MANAGEMENT	577,129	1.2%	264,676	0.5%	242,109	0.5%	236,566	0.5%	87,512	0.2%
UNIVERSITY OF OREGON	474,545	1.0%	317,833	0.7%	268,443	0.5%	-	0.0%	-	0.0%
NORFOLK STATE UNIVERSITY	396,762	0.8%	304,481	0.6%	327,700	0.7%	316,229	0.7%	302,588	0.6%
VIRGINIA DEPARTMENT OF MINES, MINERALS, AND ENERGY	304,809	0.6%	352,482	0.7%	-	0.0%	-	0.0%	-	0.0%
UNIVERSITY OF ILLINOIS (ALL CAMPUSES)	293,631	0.6%	392,577	0.8%	231,972	0.5%	337,789	0.7%	263,331	0.5%
VIRGINIA TRANSPORTATION RESEARCH COUNCIL	285,651	0.6%	204,681	0.4%	35,587	0.1%	-	0.0%	-	0.0%
HAMPTON UNIVERSITY	279,755	0.6%	90,952	0.2%	84,372	0.2%	63,880	0.1%	61,560	0.1%
VA INSTITUTE OF MARINE SCIENCE	276,729	0.6%	304,124	0.6%	255,519	0.5%	196,123	0.4%	122,410	0.2%
UNIVERSITY OF VIRGINIA	276,032	0.6%	380,780	0.8%	555,268	1.1%	600,296	1.3%	672,104	1.3%
STATE UNIVERSITY OF NEW JERSEY (ALL CAMPUSES)	232,388	0.5%	195,860	0.4%	183,320	0.4%	172,197	0.4%	224,870	0.4%
VIRGINIA DEPARTMENT OF MOTOR VEHICLES	192,128	0.4%	194,690	0.4%	153,096	0.3%	275,445	0.6%	234,061	0.5%
GEORGE MASON UNIVERSITY	179,815	0.4%	213,372	0.4%	104,373	0.2%	116,977	0.3%	140,655	0.3%
EAST CAROLINA UNIVERSITY	158,169	0.3%	59,831	0.1%	2,175	0.0%	22,184	0.0%	11,803	0.0%
VIRGINIA GOVERNOR'S OFFICE	157,251	0.3%	359,402	0.7%	308,404	0.6%	347,249	0.7%	452,707	0.9%
EASTERN VIRGINIA MEDICAL SCHOOL	129,442	0.3%	76,336	0.2%	83,473	0.2%	64,979	0.1%	132,703	0.3%
NORFOLK PUBLIC SCHOOLS	127,917	0.3%	89,713	0.2%	-	0.0%	3,100	0.0%	10,900	0.0%
VERMONT AGENCY OF EDUCATION	116,853	0.2%	117,105	0.2%	-	0.0%	-	0.0%	-	0.0%
VIRGINIA COMMUNITY COLLEGE SYSTEM	115,500	0.2%	35,031	0.1%	67,126	0.1%	66,190	0.1%	58,500	0.1%
COLLEGE OF WILLIAM AND MARY	112,321	0.2%	24,962	0.1%	9,016	0.0%	4,018	0.0%	18,490	0.0%
UNIVERSITY OF CINCINNATI	108,585	0.2%	46,209	0.1%	-	0.0%	-	0.0%	-	0.0%
MICHIGAN STATE UNIVERSITY	92,048	0.2%	116,081	0.2%	119,238	0.2%	111,685	0.2%	71,699	0.1%
UNIVERSITY OF SOUTH FLORIDA	87,506	0.2%	9,138	0.0%	-	0.0%	-	0.0%	-	0.0%
HOWARD UNIVERSITY	83,156	0.2%	-	0.0%	-	0.0%	-	0.0%	-	0.0%
WESTERN WASHINGTON UNIVERSITY	77,706	0.2%	54,880	0.1%	49,558	0.1%	-	0.0%	-	0.0%
VIRGINIA COMMONWEALTH UNIVERSITY	76,485	0.2%	15,701	0.0%	35,082	0.1%	-	0.0%	7,542	0.0%
VIRGINIA DEPARTMENT OF BEHAVIORAL HEALTH AND DEVELOPMENTAL SERVICES	69,847	0.1%	37,660	0.1%	-	0.0%	-	0.0%	-	0.0%

SCHEDULE 2

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
SUMMARY OF UNIVERSITY ACTIVITY BY MAJOR FUNDING SOURCE
(MEASURED BY EXPENDITURES INCURRED)
FISCAL YEAR 2021 THROUGH FISCAL YEAR 2017

FUNDING SOURCE / AGENCY	FY21 Amount	FY21 Percent of Total	FY20 Amount	FY20 Percent of Total	FY19 Amount	FY19 Percent of Total	FY18 Amount	FY18 Percent of Total	FY17 Amount	FY17 Percent of Total
STONY BROOK UNIVERSITY	68,032	0.1%	22,669	0.0%	-	0.0%	-	0.0%	-	0.0%
WOODS HOLE OCEANOGRAPHIC INSTITUTION	68,029	0.1%	-	0.0%	-	0.0%	-	0.0%	-	0.0%
PENNSYLVANIA STATE UNIVERSITY	67,340	0.1%	29,450	0.1%	20,350	0.0%	7,115	0.0%	45,410	0.1%
DUKE UNIVERSITY	60,158	0.1%	35,813	0.1%	-	0.0%	45,866	0.1%	41,028	0.1%
HAMPTON ROADS PLANNING DISTRICT COMMISSION	53,785	0.1%	32,264	0.1%	-	0.0%	-	0.0%	-	0.0%
TEMPLE UNIVERSITY	52,551	0.1%	67,054	0.1%	74,952	0.2%	77,635	0.2%	111,014	0.2%
VIRGINIA STATE UNIVERSITY	51,814	0.1%	16,325	0.0%	-	0.0%	-	0.0%	-	0.0%
VIRGINIA INNOVATION PARTNERSHIP CORPORATION (PREVIOUSLY CIT)	41,965	0.1%	41,997	0.1%	155,448	0.3%	2,555	0.0%	28,470	0.1%
COLORADO SCHOOL OF MINES	35,924	0.1%	104,564	0.2%	214,465	0.4%	235,350	0.5%	37,712	0.1%
SOUTH DAKOTA SCHOOL OF MINES AND TECHNOLOGY	25,736	0.1%	59,681	0.1%	15,951	0.0%	55,476	0.1%	77,905	0.2%
UNIVERSITY OF MAINE	12,179	0.0%	74,224	0.2%	86,750	0.2%	26,364	0.1%	31,412	0.1%
NORTH CAROLINA STATE UNIVERSITY	11,225	0.0%	-	0.0%	-	0.0%	85,589	0.2%	61,517	0.1%
VIRGINIA DEPARTMENT OF TRANSPORTATION	10,823	0.0%	-	0.0%	59,797	0.1%	83,698	0.2%	66,089	0.1%
VIRGINIA DEPARTMENT OF AGRICULTURE	6,738	0.0%	32,694	0.1%	55,520	0.1%	54,369	0.1%	33,359	0.1%
JOHNS-HOPKINS UNIVERSITY	5,480	0.0%	-	0.0%	-	0.0%	-	0.0%	121,847	0.2%
FLORIDA FISH & WILDLIFE CONSERVATION COMMISSION	3,912	0.0%	7,805	0.0%	69,643	0.1%	67,166	0.1%	61,844	0.1%
UNIVERSITY OF MARYLAND	3,764	0.0%	14,089	0.0%	23,261	0.0%	34,433	0.1%	140,576	0.3%
UNIVERSITY OF NORTH CAROLINA	1,327	0.0%	16,112	0.0%	17,084	0.0%	72,554	0.2%	50,222	0.1%
UNIVERSITY OF SOUTHERN MISSISSIPPI	609	0.0%	38,568	0.1%	28,112	0.1%	71,863	0.2%	163,162	0.3%
GEORGIA REGENTS UNIVERSITY	-	0.0%	-	0.0%	-	0.0%	-	0.0%	307,004	0.6%
VIRGINIA MARINE RESOURCES COMMISSION (VMRC)	-	0.0%	47,044	0.1%	272,292	0.6%	275,789	0.6%	281,506	0.6%
IOWA STATE UNIVERSITY	-	0.0%	72,911	0.1%	55,263	0.1%	200,681	0.4%	229,776	0.5%
TEXAS A&M UNIVERSITY	-	0.0%	50,832	0.1%	206,563	0.4%	163,353	0.4%	133,692	0.3%
UNIVERSITY OF TOLEDO	-	0.0%	-	0.0%	46	0.0%	(16,299)	0.0%	113,771	0.2%
UNIVERSITY OF TEXAS AT ARLINGTON	-	0.0%	-	0.0%	-	0.0%	9,473	0.0%	95,449	0.2%
VIRGINIA PORT AUTHORITY	-	0.0%	1,359	0.0%	18,783	0.0%	92,023	0.2%	46,299	0.1%
COMMONWEALTH HEALTH RESEARCH BOARD	-	0.0%	-	0.0%	-	0.0%	16,011	0.0%	91,828	0.2%
TIDEWATER COMMUNITY COLLEGE	-	0.0%	-	0.0%	53,702	0.1%	82,818	0.2%	91,611	0.2%
UNIVERSITY OF SOUTHERN CALIFORNIA	-	0.0%	-	0.0%	-	0.0%	-	0.0%	84,742	0.2%
THE CATHOLIC UNIVERSITY OF AMERICA	-	0.0%	-	0.0%	17,418	0.0%	75,396	0.2%	-	0.0%
UNIVERSITY OF COLORADO	-	0.0%	8,070	0.0%	6,929	0.0%	3,575	0.0%	63,635	0.1%
ROCHESTER INSTITUTE OF TECHNOLOGY	-	0.0%	-	0.0%	18,967	0.0%	51,750	0.1%	60,514	0.1%
UNIVERSITY OF TEXAS AT AUSTIN	-	0.0%	-	0.0%	-	0.0%	28,991	0.1%	60,386	0.1%
UNIVERSITY OF FLORIDA	-	0.0%	-	0.0%	(1)	0.0%	29,682	0.1%	51,728	0.1%
UNIVERSITY OF MEMPHIS	-	0.0%	-	0.0%	-	0.0%	(252)	0.0%	51,348	0.1%
ARIZONA STATE UNIVERSITY	(207)	0.0%	68,682	0.1%	111,238	0.2%	19,921	0.0%	16,832	0.0%
CRATER PLANNING DISTRICT COMMISSION	(3,451)	0.0%	194,592	0.4%	158,477	0.3%	124,991	0.3%	131,139	0.3%
OTHER STATE, LOCAL AND UNIVERSITIES	434,458	0.9%	367,351	0.8%	259,685	0.5%	394,220	0.8%	384,189	0.8%
SUBTOTAL STATE, LOCAL & UNIVERSITIES	$ 20,965,835	42.1%	$ 19,007,364	38.9%	$ 16,496,828	33.7%	$ 16,094,880	34.5%	$ 16,426,682	32.3%
PRIVATE AND OTHER SPONSORS										
JOHN TEMPLETON FOUNDATION	$ 1,654,859	3.3%	$ 502,866	1.0%	$ -	0.0%	$ -	0.0%	$ -	0.0%
JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	1,466,426	2.9%	1,201,787	2.5%	1,037,551	2.1%	1,004,818	2.2%	1,178,928	2.3%
PULSE BIOSCIENCES (ELECTROBLATE)	640,441	1.3%	603,786	1.2%	705,637	1.4%	852,986	1.8%	854,008	1.7%
NATIONAL INSTITUTE OF AEROSPACE ASSOCIATES (NIA)	624,699	1.3%	474,265	1.0%	465,890	1.0%	469,843	1.0%	473,785	0.9%
THE NATIONAL ACADEMIES	481,134	1.0%	477,689	1.0%	457,152	0.9%	398,008	0.9%	452,325	0.9%
CIRCADENCE	387,168	0.8%	-	0.0%	-	0.0%	-	0.0%	-	0.0%
FRONTIER TECHNOLOGY INC.	355,837	0.7%	269,650	0.6%	25,799	0.1%	-	0.0%	-	0.0%
CAMBER CORPORATION	339,637	0.7%	581,511	1.2%	311,458	0.6%	115,206	0.2%	-	0.0%
VALKYRIE ENTERPRISES, INC.	301,311	0.6%	-	0.0%	-	0.0%	-	0.0%	-	0.0%
SENTARA HOSPITALS	274,718	0.6%	124,825	0.3%	295,977	0.6%	81,296	0.2%	(245)	0.0%
MANTECH	230,638	0.5%	-	0.0%	-	0.0%	-	0.0%	-	0.0%
SOUTHERN UNIVERSITIES RESEARCH ASSOC (SURA)	219,063	0.4%	220,918	0.5%	246,227	0.5%	121,800	0.3%	-	0.0%
UNITED NETWORK FOR ORGAN SHARING (UNOS)	208,497	0.4%	139,036	0.3%	24,039	0.0%	-	0.0%	-	0.0%
JEFFRESS RESEARCH GRANTS PROGRAM	190,877	0.4%	305,809	0.6%	79,919	0.2%	112,751	0.2%	123,323	0.2%
LOCKWOOD HILLS	162,203	0.3%	60,303	0.1%	-	0.0%	-	0.0%	-	0.0%
D'ANGELO TECHNOLOGIES LLC	156,432	0.3%	26,629	0.1%	35,271	0.1%	-	0.0%	-	0.0%
NATIONAL CENTER FOR TEACHER RESIDENCIES	152,866	0.3%	-	0.0%	-	0.0%	-	0.0%	-	0.0%
COMMONWEALTH TRANSFUSION FOUNDATION	125,266	0.3%	-	0.0%	-	0.0%	-	0.0%	-	0.0%

SCHEDULE 2

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MITRE CORPORATION	115,490	0.2%	80,439	0.2%	11,250	0.0%	-	0.0%	-	0.0%
CENTER FOR MIND AND CULTURE	109,675	0.2%	930	0.0%	7,436	0.0%	155,875	0.3%	-	0.0%
EMBODY	78,798	0.2%	42,083	0.1%	2,859	0.0%	9,342	0.0%	746	0.0%
NATIONAL PARK FOUNDATION	71,426	0.1%	29,716	0.1%	-	0.0%	-	0.0%	-	0.0%
CHILDREN'S HEALTH FOUNDATION	71,214	0.1%	79,421	0.2%	69,372	0.1%	53,569	0.1%	23,664	0.0%
HAZEN AND SAWYER, P.C.	62,373	0.1%	51,095	0.1%	-	0.0%	-	0.0%	-	0.0%
TED TEXT LLC	58,649	0.1%	-	0.0%	-	0.0%	-	0.0%	-	0.0%
LIFENET	56,132	0.1%	114,452	0.2%	104,238	0.2%	45	0.0%	100,905	0.2%
DURO WORKFORCE	54,137	0.1%	33,362	0.1%	-	0.0%	-	0.0%	-	0.0%
APPLIED RESEARCH LLC	51,177	0.1%	110,708	0.2%	43,105	0.1%	17,900	0.0%	13,506	0.0%
GREAT LAKES SYSTEMS AND TECHNOLOGY	30,252	0.1%	78,212	0.2%	-	0.0%	-	0.0%	-	0.0%
VR REHAB, INC.	27,175	0.1%	77,384	0.2%	45,071	0.1%	85,746	0.2%	-	0.0%
PREVAILANCE, INC.	19,165	0.0%	109,778	0.2%	53,003	0.1%	-	0.0%	-	0.0%
SPENCER FOUNDATION	16,689	0.0%	68,084	0.1%	7,384	0.0%	-	0.0%	-	0.0%
REINVENT HAMPTON ROADS	15,552	0.0%	57,575	0.1%	22,737	0.0%	94,410	0.2%	-	0.0%
CHILDREN'S HOSPITAL OF THE KING'S DAUGHTERS	14,328	0.0%	55,604	0.1%	33,280	0.1%	(2,025)	0.0%	-	0.0%
ELECTRIC POWER RESEARCH INSTITUTE	6,367	0.0%	68,617	0.1%	-	0.0%	-	0.0%	-	0.0%
ALEX – ALTERNATIVE EXPERTS, LLC	3,431	0.0%	9,062	0.0%	85,309	0.2%	-	0.0%	-	0.0%
APPLIED RESEARCH ASSOCIATES, INC.	1,639	0.0%	21,598	0.0%	19,453	0.0%	109,811	0.2%	-	0.0%
OCEAN BAY, LLC	776	0.0%	-	0.0%	71,939	0.1%	85,398	0.2%	-	0.0%
GENEDGE ALLIANCE - (FORMERLY PHILPOTT MANUFACTURING CENTER)	-	0.0%	-	0.0%	54,135	0.1%	179,259	0.4%	307,053	0.6%
WR SYSTEMS, LTD.	-	0.0%	-	0.0%	252,545	0.5%	119,355	0.3%	-	0.0%
THE GENEVA FOUNDATION	-	0.0%	-	0.0%	-	0.0%	90,574	0.2%	227,252	0.4%
NON-DISCLOSED SPONSOR	-	0.0%	-	0.0%	12,934	0.0%	157,382	0.3%	223,915	0.4%
HOGAN-LOVELLS	-	0.0%	-	0.0%	187,384	0.4%	-	0.0%	-	0.0%
CACI, INC.--FEDERAL	-	0.0%	-	0.0%	82,909	0.2%	163,551	0.4%	-	0.0%
BATTELLE CORPORATION	-	0.0%	-	0.0%	6,268	0.0%	90,337	0.2%	152,594	0.3%
COMMONWEALTH CTR ADV MANUFACT	-	0.0%	110,270	0.2%	76,656	0.2%	70,423	0.2%	148,902	0.3%
BLUE MOON FUND	-	0.0%	-	0.0%	39,987	0.1%	48,955	0.1%	147,305	0.3%
ENGILITY	-	0.0%	42,687	0.1%	93,518	0.2%	94,136	0.2%	126,096	0.2%
OPPORTUNITY, INC.	-	0.0%	52,164	0.1%	121,344	0.2%	91,583	0.2%	108,308	0.2%
LMI	-	0.0%	-	0.0%	-	0.0%	-	0.0%	100,704	0.2%
ADVANCED TECHNOLOGY INTERNATIONAL	-	0.0%	-	0.0%	-	0.0%	1,138	0.0%	98,924	0.2%
PLASSER AMERICAN CORPORATION	-	0.0%	-	0.0%	35,480	0.1%	87,212	0.2%	10,307	0.0%
PEW CHARITABLE TRUSTS	-	0.0%	-	0.0%	81,025	0.2%	33,755	0.1%	-	0.0%
SUMMIT INFORMATION SOLUTIONS	-	0.0%	-	0.0%	-	0.0%	18,424	0.0%	67,845	0.1%
MIDLAND GEOSPATIAL SUPPORT SERVICES JOINT VENTURE	-	0.0%	-	0.0%	14,916	0.0%	66,996	0.1%	34,805	0.1%
FM GLOBAL	-	0.0%	-	0.0%	17,500	0.0%	48,550	0.1%	64,304	0.1%
BOSTON VA RESEARCH INSTITUTE, INC	-	0.0%	-	0.0%	-	0.0%	-	0.0%	61,417	0.1%
AMERICAN COUNCIL OF LEARNED SOCIETIES	-	0.0%	-	0.0%	(15,000)	0.0%	55,000	0.1%	-	0.0%
BEM CONTROLS, LLC	-	0.0%	-	0.0%	53,882	0.1%	-	0.0%	-	0.0%
WILDLIFE MANAGEMENT INSTITUTE	-	0.0%	8,602	0.0%	53,808	0.1%	-	0.0%	-	0.0%
PULSE CENTERS	-	0.0%	-	0.0%	343	0.0%	53,582	0.1%	10,043	0.0%
OHIO SUICIDE PREVENTION FOUNDATION	-	0.0%	11,891	0.0%	52,950	0.1%	5,660	0.0%	-	0.0%
CALIFORNIA SEA GRANT	-	0.0%	-	0.0%	-	0.0%	26,449	0.1%	52,900	0.1%
THE WISTAR INSTITUTE	-	0.0%	14,315	0.0%	8,926	0.0%	52,797	0.1%	30,875	0.1%
TRANSIENT PLASMA SYSTEMS, INC.	(171)	0.0%	-	0.0%	11,614	0.0%	58,557	0.1%	-	0.0%
NIOWAVE, INC.	(81,229)	-0.2%	-	0.0%	-	0.0%	-	0.0%	84,145	0.2%
OTHER PRIVATE	471,952	0.9%	895,307	1.8%	766,568	1.6%	653,515	1.4%	723,904	1.4%
SUBTOTAL PRIVATE	$ 9,227,069	18.5%	$ 7,212,430	14.8%	$ 6,271,048	12.8%	$ 6,033,969	12.9%	$ 6,002,543	11.8%
FOREIGN										
INTERNATIONAL UNION FOR CONSERVATION OF NATURE AND NATURAL RESOURCES (IUCN)	$ 269,485	0.5%	$ 190,918	0.4%	$ 157,874	0.3%	$ 188,617	0.4%	$ 213,108	0.4%
NATO	143,773	0.3%	65,012	0.1%	-	0.0%	56,000	0.1%	56,800	0.1%
SOUTHAMPTON UNIVERSITY	-	0.0%	-	0.0%	183,197	0.4%	463,067	1.0%	594,160	1.2%
FERRING PHARMACEUTICALS INC.	-	0.0%	-	0.0%	37,631	0.1%	135,072	0.3%	43,345	0.1%
MYONGJI UNIVERSITY	-	0.0%	14,210	0.0%	40,161	0.1%	34,960	0.1%	55,265	0.1%
UNIVERSITY OF AGDER	(635)	0.0%	-	0.0%	85,040	0.2%	84,196	0.2%	84,299	0.2%
QATAR UNIVERSITY	(1,130)	0.0%	-	0.0%	(11,325)	0.0%	27,745	0.1%	84,255	0.2%

SCHEDULE 2

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OTHER FOREIGN	50,237	0.1%	109,746	0.2%	99,768	0.2%	177,017	0.4%	125,590	0.2%
SUBTOTAL FOREIGN	$ 461,730	0.9%	$ 379,886	0.8%	$ 592,346	1.2%	$ 1,166,674	2.5%	$ 1,256,822	2.5%
TOTAL	$ 49,749,896	100.0%	$ 48,865,875	100.0%	$ 48,901,058	100.0%	$ 46,600,216	100.0%	$ 50,921,048	100.0%
NOTE: CERTAIN AGENCIES REQUIRE DIRECT AWARD TO OLD DOMINION UNIVERSITY. THE FOLLOWING REPRESENTS THE EXPENDITURES BY AGENCY ON PROJECTS PASSED THROUGH BY THE UNIVERSITY.										
OLD DOMINION UNIVERSITY PASS THROUGH FROM:										
U.S. DEPARTMENT OF EDUCATION	$ 4,985,050	10.0%	$ 4,155,422	8.5%	$ 4,192,457	8.6%	$ 4,099,395	8.8%	$ 4,068,497	8.0%
ODU	1,417,297	2.8%	696,250	1.4%	153,233	0.3%	118,584	0.3%	89,439	0.2%
VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY	1,298,211	2.6%	1,068,010	2.2%	964,240	2.0%	-	0.0%	263,371	0.5%
U.S. AIR FORCE	1,090,806	2.2%	1,123,034	2.3%	1,007,042	2.1%	1,645,236	3.5%	1,304,868	2.6%
VIRGINIA DEPARTMENT OF EDUCATION	854,551	1.7%	643,908	1.3%	533,651	1.1%	742,309	1.6%	913,891	1.8%
COASTAL VIRGINIA MARITIME ADVANCED MAP	609,845	1.2%	138,644	0.3%	-	0.0%	-	0.0%	-	0.0%
U.S. NAVY	450,467	0.9%	573,173	1.2%	-	0.0%	-	0.0%	-	0.0%
U.S. DEPARTMENT OF ENERGY	338,096	0.7%	266,527	0.5%	155,540	0.3%	90,334	0.2%	226,505	0.4%
STATE COUNCIL FOR HIGHER EDUCATION IN VIRGINIA (SCHEV)	242,952	0.5%	296,315	0.6%	298,136	0.6%	545,966	1.2%	355,633	0.7%
HAMPTON ROADS CYBER COLLABORATION	214,694	0.4%	486,621	1.0%	600,656	1.2%	77,714	0.2%	-	0.0%
U.S. DEPARTMENT OF THE INTERIOR	204,862	0.4%	60,230	0.1%	19,218	0.0%	36,923	0.1%	82,908	0.2%
NORFOLK PUBLIC SCHOOLS	115,059	0.2%	127,581	0.3%	138,215	0.3%	-	0.0%	-	0.0%
VIRGINIA DEPARTMENT OF HEALTH	58,276	0.1%	37,308	0.1%	37,473	0.1%	36,032	0.1%	-	0.0%
VIRGINIA BIOSCIENCES HEALTH RESEARCH CORP.	54,262	0.1%	364,438	0.7%	739,561	1.5%	268,750	0.6%	466,736	0.9%
VIRGINIA DEPARTMENT OF BEHAVORIAL HEALTH AND DEVELOPMENTAL SERVICES	25,758	0.1%	30,134	0.1%	75,600	0.2%	81,930	0.2%	101,854	0.2%
MELLON FOUNDATION	18,700	0.0%	264,846	0.5%	197,227	0.4%	191,743	0.4%	148,579	0.3%
U.S. ENVIRONMENTAL PROTECTION AGENCY	10,670	0.0%	-	0.0%	170,387	0.3%	1,179,356	2.5%	904,420	1.8%
VIRGINIA DEPARTMENT OF HOUSING AND COMMUNITY DEVELOPMENT	(13,633)	0.0%	555,883	1.1%	601,723	1.2%	151,106	0.3%	-	0.0%
U.S. DEPARTMENT OF LABOR	-	0.0%	-	0.0%	-	0.0%	-	0.0%	130,132	0.3%
OTHER SPONSORS	77,823	0.2%	75,199	0.2%	56,152	0.1%	94,192	0.2%	67,338	0.1%
OLD DOMINION UNIVERSITY TOTAL	$ 12,053,746	24.2%	$ 10,963,523	22.4%	$ 9,940,511	20.3%	$ 9,359,570	20.1%	$ 9,124,171	17.9%

NOTE: CERTAIN PRIOR YEAR AMOUNTS HAVE BEEN RESTATED TO BE CONSISTENT WITH CURRENT YEAR PRESENTATION.

SCHEDULE 3

Comparison of Direct Cost, Indirect Cost and Effective Indirect Cost Rates

Fiscal Year 2021 through Fiscal Year 2019

SCHEDULE 3

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
REPORT OF SPONSORED PROGRAM ACTIVITY
DIRECT COST, INDIRECT COST AND EFFECTIVE INDIRECT COST RATE
(MEASURED BY EXPENDITURES INCURRED)
FISCAL YEAR 2021 THROUGH FISCAL YEAR 2019

	Fiscal Year 2021				Fiscal Year 2020				Fiscal Year 2019			
	TOTAL DIRECT COSTS	TOTAL INDIRECT COSTS	TOTAL PROJECT COSTS	Effective Indirect Cost Rate	TOTAL DIRECT COSTS	TOTAL INDIRECT COSTS	TOTAL PROJECT COSTS	Effective Indirect Cost Rate	TOTAL DIRECT COSTS	TOTAL INDIRECT COSTS	TOTAL PROJECT COSTS	Effective Indirect Cost Rate
COLLEGE OF ARTS AND LETTERS												
Dean's Office	$ 2,000	$ -	$ 2,000	0.0%	$ 1	$ -	$ 1	0.0%	$ 1,999	$ -	$ 1,999	0.0%
Art	39	-	39	0.0%	1,759	-	1,759	0.0%	-	-	-	0.0%
English	98,975	6,742	105,717	6.8%	147,486	6,297	153,783	4.3%	120,525	6,276	126,801	5.2%
History	1,364	(56)	1,308	-4.1%	29,977	7,794	37,771	26.0%	9,276	7,738	17,014	83.4%
Philosophy & Religious Studies	7,644	2,446	10,090	32.0%	-	-	-	0.0%	-	-	-	0.0%
Philosophy & Religious Studies - Cybersecurity	-	-	-	0.0%	10,872	5,529	16,401	50.9%	1,818	1,000	2,818	55.0%
Political Science & Geography	104,840	29,591	134,431	28.2%	69,156	27,867	97,023	40.3%	58,723	15,675	74,398	26.7%
Social Science Research Center	145,962	12,629	158,591	8.7%	134,253	10,473	144,726	7.8%	128,683	19,538	148,221	15.2%
Sociology & Criminal Justice	293,607	85,976	379,583	29.3%	471,492	129,803	601,295	27.5%	573,332	169,723	743,055	29.6%
Women's Studies	-	-	-	0.0%	-	-	-	0.0%	6,465	-	6,465	0.0%
College Total	$ 654,431	$ 137,328	$ 791,759	21.0%	$ 864,996	$ 187,764	$ 1,052,759	21.7%	$ 900,821	$ 219,950	$ 1,120,772	24.4%
STROME COLLEGE OF BUSINESS												
Economics	$ 47,475	$ 9,382	$ 56,857	19.8%	$ 66,053	$ 5,690	$ 71,744	8.6%	$ 95,017	$ 44,863	$ 139,880	47.2%
Information Systems / Decision Sciences	250,066	17,102	267,168	6.8%	242,252	12,570	254,822	5.2%	206,883	17,449	224,332	8.4%
Information Systems & Decision Sciences - Cybersecurity	1,568	51	1,619	3.3%	17,170	2,178	19,348	12.7%	64,322	14,437	78,759	22.4%
Management	75,553	6,741	82,294	8.9%	-	-	-	0.0%	-	-	-	0.0%
Marketing	-	-	-	0.0%	8,208	745	8,953	9.1%	-	-	-	0.0%
Public Service	178,690	47,478	226,168	26.6%	54,745	13,511	68,257	24.7%	35,697	8,001	43,697	22.4%
College Total	$ 553,352	$ 80,754	$ 634,106	14.6%	$ 388,429	$ 34,694	$ 423,124	8.9%	$ 401,919	$ 84,749	$ 486,668	21.1%
DARDEN COLLEGE OF EDUCATION & PROFESSIONAL STUDIES												
Dean's Office	$ 761,931	$ 2,794	$ 764,725	0.4%	$ 506,302	$ -	$ 506,302	0.0%	$ 430,047	$ -	$ 430,047	0.0%
Dean's Office - Cybersecurity	69	38	107	55.1%	10,872	5,529	16,401	50.9%	1,818	1,000	2,818	55.0%
The Center for Education Partnerships	885,186	190,761	1,075,947	21.6%	718,578	124,361	842,939	17.3%	444,863	34,892	479,755	7.8%
Communication Disorders and Special Education	4,594,515	429,663	5,024,178	9.4%	4,125,852	373,824	4,499,676	9.1%	3,880,395	350,816	4,231,210	9.0%
Counseling and Human Services	563,270	24,132	587,402	4.3%	407,481	15,231	422,711	3.7%	355,883	12,713	368,595	3.6%
Counseling and Human Services - Cybersecurity	5,443	2,993	8,436	55.0%	1,160	638	1,797	55.0%	-	-	-	0.0%
Educational Foundations and Leadership	140,389	41,773	182,162	29.8%	194,261	41,459	235,720	21.3%	139,533	46,681	186,213	33.5%
Human Movement Sciences	407,508	20,633	428,141	5.1%	191,509	15,077	206,586	7.9%	9,228	-	9,228	0.0%
STEM Education and Professional Studies	139,544	15,954	155,498	11.4%	53,799	9,586	63,385	17.8%	107,847	36,701	144,548	34.0%
Teaching and Learning	527,939	103,081	631,020	19.5%	325,008	70,699	395,707	21.8%	226,187	32,904	259,091	14.5%
College Total	$ 8,025,794	$ 831,822	$ 8,857,616	10.4%	$ 6,534,822	$ 656,403	$ 7,191,225	10.0%	$ 5,595,800	$ 515,706	$ 6,111,506	9.2%
BATTEN COLLEGE OF ENGINEERING & TECHNOLOGY												
Dean's Office	$ 262,478	$ 110,035	$ 372,513	41.9%	$ 808,261	$ 181,675	$ 989,936	22.5%	$ 983,927	$ 287,594	$ 1,271,521	29.2%
Civil & Environmental Engineering	890,782	146,501	1,037,283	16.4%	604,241	138,263	742,504	22.9%	700,483	241,873	942,356	34.5%
Electrical & Computer Engineering	710,462	228,851	939,313	32.2%	873,965	254,378	1,128,342	29.1%	1,029,710	387,197	1,416,907	37.6%
Electrical & Computer Engineering - ARC	335,882	62,067	397,949	18.5%	317,168	90,613	407,780	28.6%	367,620	98,829	466,449	26.9%
Electrical & Computer Engineering - Bioelectrics	291,697	128,690	420,387	44.1%	1,082,253	402,279	1,484,532	37.2%	1,264,333	346,070	1,610,403	27.4%
Electrical & Computer Engineering - Cybersecurity	310,975	94,528	405,503	30.4%	470,001	165,253	635,254	35.2%	770,985	67,906	838,892	8.8%
Engineering Management and Systems Engineering	299,493	156,929	456,422	52.4%	450,454	240,922	691,376	53.5%	410,629	194,564	605,194	47.4%
Engineering Management and Systems Engineering - Cybersecurity	-	-	-	0.0%	-	-	-	0.0%	300,740	-	300,740	0.0%
Engineering Management and Systems Engineering - VMASC	-	-	-	0.0%	68,990	41,843	110,832	60.7%	-	-	-	0.0%
Engineering Technology	315,140	65,611	380,751	20.8%	217,819	68,797	286,616	31.6%	317,150	115,835	432,985	36.5%
Engineering Technology - VMASC	-	-	-	0.0%	579,592	13,040	592,632	2.2%	-	-	-	0.0%
Mechanical & Aerospace Engineering	1,052,653	329,299	1,381,952	31.3%	1,154,238	288,621	1,442,859	25.0%	801,325	213,728	1,015,053	26.7%
Mechanical & Aerospace Engineering - ARC	43,409	8,403	51,812	19.4%	12,956	3,369	16,325	26.0%	-	-	-	0.0%
Computation Modeling & Simulation Engineering	392,832	146,812	539,644	37.4%	542,290	172,649	714,939	31.8%	1,233,990	501,809	1,735,799	40.7%
Computation Modeling & Simulation Engineering - VMASC	1,045,638	557,139	1,602,777	53.3%	901,712	434,283	1,335,995	48.2%	-	-	-	0.0%
Computation Modeling & Simulation Engineering - Cybersecurity	-	-	-	0.0%	26,194	13,371	39,566	51.0%	313,671	6,452	320,123	2.1%
College Total	$ 5,951,441	$ 2,034,865	$ 7,986,306	34.2%	$ 8,110,133	$ 2,509,355	$ 10,619,488	30.9%	$ 8,494,563	$ 2,461,857	$ 10,956,420	29.0%

SCHEDULE 3

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
REPORT OF SPONSORED PROGRAM ACTIVITY
DIRECT COST, INDIRECT COST AND EFFECTIVE INDIRECT COST RATE
(MEASURED BY EXPENDITURES INCURRED)
FISCAL YEAR 2021 THROUGH FISCAL YEAR 2019

	Fiscal Year 2021				Fiscal Year 2020				Fiscal Year 2019			
	TOTAL DIRECT COSTS	TOTAL INDIRECT COSTS	TOTAL PROJECT COSTS	Effective Indirect Cost Rate	TOTAL DIRECT COSTS	TOTAL INDIRECT COSTS	TOTAL PROJECT COSTS	Effective Indirect Cost Rate	TOTAL DIRECT COSTS	TOTAL INDIRECT COSTS	TOTAL PROJECT COSTS	Effective Indirect Cost Rate
COLLEGE OF HEALTH SCIENCES												
Dean's Office	$ -	$ -	$ -	0.0%	$ 27,363	$ 4,105	$ 31,468	15.0%	$ 41,227	$ 3,598	$ 44,825	8.7%
Community & Environmental Health	129,763	18,253	148,016	14.1%	113,500	16,646	130,146	14.7%	167,928	35,877	203,805	21.4%
Dental Hygiene	7,333	160	7,493	2.2%	4,666	183	4,849	3.9%	5,764	461	6,225	8.0%
Medical Diagnostic & Translational Sciences	293,756	49,566	343,322	16.9%	154,511	53,295	207,806	34.5%	217,839	46,018	263,858	21.1%
Medical Diagnostic & Translational Sciences - Bioelectrics	464,289	225,783	690,072	48.6%	981,387	346,964	1,328,351	35.4%	1,433,430	597,983	2,031,413	41.7%
Medical Diagnostic & Translational Sciences - VMASC	(27,653)	-	(27,653)	0.0%	-	-	-	0.0%	-	-	-	0.0%
Nursing	1,060,415	68,338	1,128,753	6.4%	591,157	40,466	631,623	6.8%	618,705	29,029	647,734	4.7%
Rehabilitation Sciences	34,194	2,837	37,031	8.3%	50,915	2,140	53,055	4.2%	77,255	3,529	80,785	4.6%
College Total	$ 1,962,097	$ 364,937	$ 2,327,034	18.6%	$ 1,923,499	$ 463,799	$ 2,387,297	24.1%	$ 2,562,149	$ 716,496	$ 3,278,645	28.0%
COLLEGE OF SCIENCES												
Dean's Office	$ -	$ -	$ -	0.0%	$ 5,100	$ 2,703	$ 7,803	53.0%	$ 24,813	$ 13,151	$ 37,964	53.0%
Biological Sciences	2,157,464	393,150	2,550,614	18.2%	2,279,931	515,920	2,795,851	22.6%	2,236,900	518,686	2,755,586	23.2%
Center for Coastal Physical Oceanography	695,680	248,455	944,135	35.7%	807,463	248,637	1,056,101	30.8%	529,359	282,003	811,361	53.3%
Center for Coastal Physical Oceanography - MARI	-	-	-	0.0%	10,976	-	10,976	0.0%	40,332	80	40,412	0.2%
Chemistry and Biochemistry	1,436,636	353,569	1,790,205	24.6%	1,385,275	380,929	1,766,205	27.5%	1,814,855	578,971	2,393,826	31.9%
Chemistry and Biochemistry - ARC	-	-	-	0.0%	3,322	997	4,319	30.0%	3,013	904	3,917	30.0%
Chemistry and Biochemistry - Bioelectrics	7,647	4,206	11,853	55.0%	-	-	-	0.0%	-	-	-	0.0%
Computer Sciences	807,528	194,825	1,002,353	24.1%	798,511	149,403	947,914	18.7%	817,294	191,526	1,008,821	23.4%
Computer Sciences - Cybersecurity	100,953	39,993	140,946	39.6%	71,258	31,733	102,992	44.5%	312,456	5,213	317,670	1.7%
Computer Sciences - VMASC	34,584	3,085	37,669	8.9%	157,437	13,207	170,644	8.4%	88,513	19,024	107,538	21.5%
Mathematics & Statistics	661,355	172,784	834,139	26.1%	796,001	205,017	1,001,018	25.8%	719,652	195,845	915,496	27.2%
Ocean & Earth Science	1,242,246	421,214	1,663,460	33.9%	1,594,032	619,702	2,213,733	38.9%	2,086,305	753,064	2,839,369	36.1%
Physics	2,838,084	735,133	3,573,217	25.9%	2,881,017	821,310	3,702,326	28.5%	3,128,475	745,921	3,874,396	23.8%
Psychology	701,200	232,880	934,080	33.2%	636,333	209,995	846,328	33.0%	567,597	156,670	724,267	27.6%
College Total	$ 10,683,377	$ 2,799,294	$ 13,482,671	26.2%	$ 11,426,657	$ 3,199,553	$ 14,626,210	28.0%	$ 12,369,564	$ 3,461,059	$ 15,830,622	28.0%
OFFICE OF RESEARCH AND OTHER ACTIVITY												
Frank Reidy Research Center for Bioelectrics	$ 967,949	$ 444,637	$ 1,412,586	45.9%	$ 616,984	$ 307,239	$ 924,223	49.8%	$ 653,323	$ 310,152	$ 963,475	47.5%
Center for Bioelectronics	104,193	50,597	154,790	48.6%	-	-	-	0.0%	-	-	-	0.0%
Virginia Modeling, Analysis and Simulation Center	6,437,344	1,240,416	7,677,760	19.3%	4,430,142	858,919	5,289,061	19.4%	3,143,126	556,211	3,699,337	17.7%
Center for Cybersecurity	55,687	23,229	78,916	41.7%	-	-	-	0.0%	-	-	-	0.0%
The Graduate School	442,823	44,545	487,368	10.1%	80,095	17,250	97,345	21.5%	64,446	16,663	81,109	25.9%
Institute for Innovation & Entrepreneurship	1,222,387	278,603	1,500,990	22.8%	1,018,373	166,037	1,184,410	16.3%	1,021,496	153,071	1,174,567	15.0%
Miscellaneous ODU Units	318,701	21,212	339,913	6.7%	828,832	89,243	918,075	10.8%	746,229	86,436	832,665	11.6%
Miscellaneous ODU Units - Cybersecurity	145,250	62,381	207,631	42.9%	270,405	99,599	370,004	36.8%	166,577	50,424	217,001	30.3%
College Total Other Units	$ 9,694,334	$ 2,165,620	$ 11,859,954	22.3%	$ 7,244,830	$ 1,538,287	$ 8,783,118	21.2%	$ 5,795,196	$ 1,172,958	$ 6,968,154	20.2%
TOTAL UNIVERSITY ACTIVITY	$ 37,524,826	$ 8,414,620	$ 45,939,446	22.4%	$ 36,493,366	$ 8,589,855	$ 45,083,221	23.5%	$ 36,120,012	$ 8,632,775	$ 44,752,787	23.9%
AFFILIATED ACTIVITY												
Virginia Space Grant Consortium	3,043,439	195,713	3,239,152	6.4%	3,048,175	192,573	3,240,748	6.3%	3,278,671	207,546	3,486,217	6.3%
Virginia Tidewater Consortium for Higher Education	530,334	40,964	571,298	7.7%	503,489	38,418	541,907	7.6%	615,601	46,456	662,057	7.5%
TOTAL AFFILIATED ACTIVITY	$ 3,573,773	$ 236,677	$ 3,810,450	6.6%	$ 3,551,664	$ 230,991	$ 3,782,655	6.5%	$ 3,894,272	$ 254,002	$ 4,148,274	6.5%
GRAND TOTAL	$ 41,098,599	$ 8,651,297	$ 49,749,896	21.1%	$ 40,045,030	$ 8,820,847	$ 48,865,876	22.0%	$ 40,014,284	$ 8,886,777	$ 48,901,061	22.2%

SCHEDULE 4

Sponsored Program Activity

Individual Project Listing

Fiscal Year 2021

SCHEDULE 4

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

SPONSORED PROGRAM ACTIVITY BY INDIVIDUAL PROJECT

(MEASURED BY EXPENDITURES INCURRED)

FOR FISCAL YEAR 2021

PROJECT NUMBER	SPLIT	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	STIPENDS, SUBCONTRACTS, TUITION, OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	ENTERPRISE CODE
COLLEGE OF ARTS & LETTERS												
DEAN, COLLEGE OF ARTS & LETTERS												
200306-010	No	NORFOLK COMMISSION ON THE ARTS & HUMANITIES	STRAWN, CULLEN	0	2,000	0	0	2,000	0	2,000	0.00%	TRAD
		TOTAL DEAN, COLLEGE OF ARTS & LETTERS		**0**	**2,000**	**0**	**0**	**2,000**	**0**	**2,000**	**0.00%**	
DEPARTMENT OF ART												
200299-010	No	VA COMMISSION OF THE ARTS	BAYLOR, BRENDAN	0	39	0	0	39	0	39	0.00%	TRAD
		TOTAL DEPARTMENT OF ART		**0**	**39**	**0**	**0**	**39**	**0**	**39**	**0.00%**	
DEPARTMENT OF ENGLISH												
200332-010	15%	VA DEPARTMENT OF ECONOMIC DEVELOPMENT	RICHARDS, DANIEL	22,212	90	0	0	22,302	2,453	24,755	11.00%	TRAD
300396-010	33%	OLD DOMINION UNIVERSITY	ZAREVA, ALLA	47,522	6,091	0	23,060	76,673	4,289	80,962	5.59%	TRAD
		TOTAL DEPARTMENT OF ENGLISH		**69,734**	**6,181**	**0**	**23,060**	**98,975**	**6,742**	**105,717**	**6.81%**	
DEPARTMENT OF HISTORY												
300669-002	No	OLD DOMINION UNIVERSITY	FRETWELL, ELIZABETH	1,579	0	0	0	1,579	0	1,579	0.00%	TRAD
600219-010	No	NORWEGIAN MARITIME MUSEUM	HEIDBRINK, INGO	(215)	0	0	0	(215)	(56)	(271)	26.05%	TRAD
		TOTAL DEPARTMENT OF HISTORY		**1,364**	**0**	**0**	**0**	**1,364**	**(56)**	**1,308**	**-4.11%**	
DEPARTMENT OF PHILOSOPHY & RELIGIOUS STUDIES												
100888-010	50%	NATIONAL ENDOWMENT FOR THE HUMANITIES	KISSEL, ANDREW	7,644	0	0	0	7,644	2,446	10,090	32.00%	TRAD
		TOTAL DEPARTMENT OF PHILOSOPHY & RELIGIOUS STUDIES		**7,644**	**0**	**0**	**0**	**7,644**	**2,446**	**10,090**	**32.00%**	
DEPARTMENT OF POLITICAL SCIENCE & GEOGRAPHY												
400394-010	No	VIRGINIA GEOGRAPHIC ALLIANCE	ADAMS, FRANCIS	164	300	0	0	464	0	464	0.00%	TRAD
200330-010	No	VIRGINIA DEPARTMENT OF FORESTRY	ALLEN, MICHAEL	0	8,900	0	0	8,900	0	8,900	0.00%	TRAD
300543-010	15%	OLD DOMINION UNIVERSITY	ALLEN, MICHAEL	33,284	7,033	0	5,079	45,396	22,175	67,571	48.85%	TRAD
100527-036	25%	NASA GODDARD SPACEFLIGHT CENTER	ALLEN, THOMAS	17	0	0	0	17	0	17	0.00%	TRAD
200332-010	15%	VA DEPARTMENT OF ECONOMIC DEVELOPMENT	ALLEN, THOMAS	22,212	90	0	0	22,302	2,453	24,755	11.00%	TRAD
300526-010	No	VA INSTITUTE OF MARINE SCIENCE	ALLEN, THOMAS	756	0	0	0	756	416	1,172	55.03%	TRAD
300565-010	No	EAST CAROLINA UNIVERSITY	ALLEN, THOMAS	1,813	499	0	0	2,312	405	2,717	17.52%	TRAD
600232-010	34%	WSP GLOBAL INC.	HUTTON SHANNON, NICOLE	1,112	0	0	248	1,360	0	1,360	0.00%	TRAD
600180-010	50%	EUROPEAN COMMISSION	KARP, REGINA	0	0	0	(6,787)	(6,787)	0	(6,787)	0.00%	TRAD
200332-010	15%	VA DEPARTMENT OF ECONOMIC DEVELOPMENT	WHYTLAW, JENNIFER	22,212	90	0	0	22,302	2,453	24,755	11.00%	TRAD
300642-010	No	STATE UNIVERSITY OF NEW JERSEY (ALL CAMPUSES)	WHYTLAW, JENNIFER	6,498	0	0	0	6,498	1,689	8,187	25.99%	TRAD
600232-010	33%	WSP GLOBAL INC.	WHYTLAW, JENNIFER	1,079	0	0	241	1,320	0	1,320	0.00%	TRAD
		TOTAL DEPARTMENT OF POLITICAL SCIENCE & GEOGRAPHY		**89,147**	**16,912**	**0**	**(1,219)**	**104,840**	**29,591**	**134,431**	**28.22%**	
DEPARTMENT OF SOCIOLOGY & CRIMINAL JUSTICE												
100792-010	No	NATIONAL INSTITUTE OF JUSTICE	DAI, MENGYAN	44,110	2,288	0	50,509	96,907	25,519	122,426	26.33%	TRAD
200248-010	33%	VIRGINIA OFFICE OF THE ATTORNEY GENERAL	GAINEY, RANDY	5,784	0	0	0	5,784	1,504	7,288	26.00%	TRAD
200335-010	33%	VA DEPARTMENT OF MOTOR VEHICLES	GAINEY, RANDY	4,069	1,867	0	0	5,936	1,543	7,479	25.99%	TRAD
200248-010	33%	VIRGINIA OFFICE OF THE ATTORNEY GENERAL	TRIPLETT, RUTH	5,784	0	0	0	5,784	1,504	7,288	26.00%	TRAD
100581-010	No	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	YANG, XIUSHI	98,978	2,669	0	77,549	179,196	55,906	235,102	31.20%	TRAD
		TOTAL DEPARTMENT OF SOCIOLOGY & CRIMINAL JUSTICE		**158,725**	**6,824**	**0**	**128,058**	**293,607**	**85,976**	**379,583**	**29.28%**	
SOCIAL SCIENCE RESEARCH CENTER												
200248-010	34%	VIRGINIA OFFICE OF THE ATTORNEY GENERAL	VANDECAR-BURDIN, TANCY	5,960	0	0	0	5,960	1,550	7,510	26.01%	SSRC
200296-020	No	VA DEPARTMENT OF BEHAVIORAL HEALTH AND DEVELOPMENTAL SERVICES	VANDECAR-BURDIN, TANCY	26,452	8,782	0	0	35,234	1,761	36,995	5.00%	SSRC
200296-030	No	VA DEPARTMENT OF BEHAVIORAL HEALTH AND DEVELOPMENTAL SERVICES	VANDECAR-BURDIN, TANCY	707	0	0	0	707	35	742	4.95%	SSRC
200322-010	No	VIRGINIA DEPARTMENT OF SOCIAL SERVICES	VANDECAR-BURDIN, TANCY	4,594	0	0	0	4,594	459	5,053	9.99%	SSRC
200337-010	No	CITY OF VIRGINIA BEACH	VANDECAR-BURDIN, TANCY	1,264	0	0	0	1,264	0	1,264	0.00%	SSRC

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PROJECT NUMBER	SPLIT	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	STIPENDS, SUBCONTRACTS, TUITION, OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	ENTERPRISE CODE
200342-010	No	VA DEPARTMENT OF BEHAVIORAL HEALTH AND DEVELOPMENTAL SERVICES	VANDECAR-BURDIN, TANCY	13,016	17,564	0	0	30,580	1,529	32,109	5.00%	SSRC
300356-040	10%	OLD DOMINION UNIVERSITY	VANDECAR-BURDIN, TANCY	2,446	553	0	0	2,999	240	3,239	8.00%	SSRC
300574-010	5%	OLD DOMINION UNIVERSITY	VANDECAR-BURDIN, TANCY	5,687	930	0	0	6,617	529	7,146	7.99%	SSRC
300575-010	No	OLD DOMINION UNIVERSITY	VANDECAR-BURDIN, TANCY	11,955	12,576	0	0	24,531	1,227	25,758	5.00%	SSRC
300577-010	33%	OLD DOMINION UNIVERSITY	VANDECAR-BURDIN, TANCY	3,862	280	0	0	4,142	1,077	5,219	26.00%	SSRC
300600-010	No	OLD DOMINION UNIVERSITY	VANDECAR-BURDIN, TANCY	18,021	300	0	0	18,321	0	18,321	0.00%	SSRC
300670-010	No	OLD DOMINION UNIVERSITY	VANDECAR-BURDIN, TANCY	70	0	0	0	70	0	70	0.00%	SSRC
400447-010	No	CENTER FOR MIND AND CULTURE	VANDECAR-BURDIN, TANCY	4,491	0	0	0	4,491	674	5,165	15.01%	SSRC
400462-010	50%	MOTHERS AGAINST DRUNK DRIVING (MADD)	VANDECAR-BURDIN, TANCY	5,577	875	0	0	6,452	3,548	10,000	54.99%	SSRC
TOTAL SOCIAL SCIENCE RESEARCH CENTER				**104,102**	**41,860**	**0**	**0**	**145,962**	**12,629**	**158,591**	**8.65%**	
TOTAL COLLEGE OF ARTS & LETTERS				**430,716**	**73,816**	**0**	**149,899**	**654,431**	**137,328**	**791,759**	**20.98%**	

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STROME COLLEGE OF BUSINESS												
DEPARTMENT OF INFORMATION TECHNOLOGY & DECISION SCIENCES												
100731-010	No	NATIONAL SCIENCE FOUNDATION	HE, WU	218,968	0	0	0	218,968	0	218,968	0.00%	TRAD
100673-010	20%	NATIONAL SCIENCE FOUNDATION	LI, LING	4,509	734	0	0	5,243	2,883	8,126	54.99%	TRAD
100621-010	No	NATIONAL SCIENCE FOUNDATION	XU, LI	11,793	8,819	0	0	20,612	11,336	31,948	55.00%	TRAD
100673-010	20%	NATIONAL SCIENCE FOUNDATION	XU, LI	4,509	734	0	0	5,243	2,883	8,126	54.99%	TRAD
		DEPARTMENT OF INFORMATION TECHNOLOGY & DECISION SCIENCES		**239,779**	**10,287**	**0**	**0**	**250,066**	**17,102**	**267,168**	**6.84%**	
DEPARTMENT OF INFORMATION TECHNOLOGY & DECISION SCIENCES - CENTER FOR CYBERSECURITY (CYBER)												
100648-010	25%	NATIONAL SCIENCE FOUNDATION	HE, WU	0	93	0	1,475	1,568	51	1,619	3.25%	CYBER
		TOTAL DEPARTMENT OF INFORMATION TECHNOLOGY & DECISION SCIENCES - CENTER FOR CYBERSECURITY (CYBER)		**0**	**93**	**0**	**1,475**	**1,568**	**51**	**1,619**	**3.25%**	
DEPARTMENT OF MANAGEMENT												
300624-010	10%	HAMPTON UNIVERSITY	NAIR, ANIL	19,141	1,597	0	255	20,993	5,392	26,385	25.68%	TRAD
400465-010	No	EWING MARION KAUFFMAN FOUNDATION	NAIR, ANIL	22,764	5,344	0	12,761	40,869	0	40,869	0.00%	TRAD
300535-010	25%	DUKE UNIVERSITY	TANG, CHUANYI	4,823	(22)	0	0	4,801	576	5,377	12.00%	TRAD
300535-011	25%	DUKE UNIVERSITY	TANG, CHUANYI	0	3,670	0	0	3,670	147	3,817	4.01%	TRAD
300616-010	25%	DUKE UNIVERSITY	TANG, CHUANYI	4,674	546	0	0	5,220	626	5,846	11.99%	TRAD
		TOTAL DEPARTMENT OF MANAGEMENT		**51,402**	**11,135**	**0**	**13,016**	**75,553**	**6,741**	**82,294**	**8.92%**	
DEPARTMENT OF ECONOMICS												
300566-010	No	UNIVERSITY OF VIRGINIA	AGARWAL, VINOD	5,741	0	0	0	5,741	1,493	7,234	26.01%	TRAD
300566-011	20%	UNIVERSITY OF VIRGINIA	AGARWAL, VINOD	5,055	0	0	0	5,055	1,314	6,369	25.99%	TRAD
300566-012	40%	UNIVERSITY OF VIRGINIA	AGARWAL, VINOD	12,644	0	0	0	12,644	3,288	15,932	26.00%	TRAD
600180-010	50%	EUROPEAN COMMISSION	FILER, LARRY	0	0	0	(6,787)	(6,787)	0	(6,787)	0.00%	TRAD
200313-010	No	VIRGINIA ISRAEL ADVISORY BOARD	MCNAB, ROBERT	2,517	113	0	0	2,630	0	2,630	0.00%	TRAD
300566-011	25%	UNIVERSITY OF VIRGINIA	MCNAB, ROBERT	6,318	0	0	0	6,318	1,643	7,961	26.01%	TRAD
300566-012	20%	UNIVERSITY OF VIRGINIA	MCNAB, ROBERT	6,322	0	0	0	6,322	1,644	7,966	26.00%	TRAD
400435-010	No	REINVENT HAMPTON ROADS	MCNAB, ROBERT	15,548	0	0	4	15,552	0	15,552	0.00%	TRAD
		TOTAL DEPARTMENT OF ECONOMICS		**54,145**	**113**	**0**	**(6,783)**	**47,475**	**9,382**	**56,857**	**19.76%**	
SCHOOL OF PUBLIC SERVICE												
600232-010	33%	WSP GLOBAL INC.	HILL, SAIGE	1,079	0	0	241	1,320	0	1,320	0.00%	TRAD
100625-010	No	NATIONAL SCIENCE FOUNDATION	YUSUF, JUITA-ELENA (WIE)	10,777	0	0	0	10,777	5,927	16,704	55.00%	TRAD
100824-010	50%	NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION	YUSUF, JUITA-ELENA (WIE)	14,489	19,782	0	359	34,630	18,849	53,479	54.43%	TRAD
100890-010	33%	NATIONAL SCIENCE FOUNDATION	YUSUF, JUITA-ELENA (WIE)	7,012	17	0	0	7,029	1,827	8,856	25.99%	TRAD
200334-010	25%	VIRGINIA DEPARTMENT OF EMERGENCY MANAGEMENT	YUSUF, JUITA-ELENA (WIE)	15,718	18,475	0	0	34,193	18,806	52,999	55.00%	TRAD
300366-010	No	UNIVERSITY OF NORTH CAROLINA	YUSUF, JUITA-ELENA (WIE)	856	0	0	0	856	471	1,327	55.02%	TRAD
300471-010	50%	VA INSTITUTE OF MARINE SCIENCE	YUSUF, JUITA-ELENA (WIE)	20,557	91	0	0	20,648	0	20,648	0.00%	TRAD
300492-010	33%	OLD DOMINION UNIVERSITY	YUSUF, JUITA-ELENA (WIE)	0	0	0	182	182	0	182	0.00%	TRAD
300534-010	No	UNIVERSITY OF VIRGINIA	YUSUF, JUITA-ELENA (WIE)	1,571	0	0	0	1,571	0	1,571	0.00%	TRAD
300553-010	No	COLLEGE OF WILLIAM AND MARY	YUSUF, JUITA-ELENA (WIE)	6,146	0	0	0	6,146	1,598	7,744	26.00%	TRAD
300618-010	No	VA INSTITUTE OF MARINE SCIENCE	YUSUF, JUITA-ELENA (WIE)	0	0	0	26,015	26,015	0	26,015	0.00%	TRAD
300620-010	No	VA INSTITUTE OF MARINE SCIENCE	YUSUF, JUITA-ELENA (WIE)	10,625	0	0	0	10,625	0	10,625	0.00%	TRAD
300633-010	50%	VA INSTITUTE OF MARINE SCIENCE	YUSUF, JUITA-ELENA (WIE)	24,624	74	0	0	24,698	0	24,698	0.00%	TRAD
		TOTAL SCHOOL OF PUBLIC SERVICE		**113,454**	**38,439**	**0**	**26,797**	**178,690**	**47,478**	**226,168**	**26.57%**	
TOTAL STROME COLLEGE OF BUSINESS				**458,780**	**60,067**	**0**	**34,505**	**553,352**	**80,754**	**634,106**	**14.59%**	

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DARDEN COLLEGE OF EDUCATION & PROFESSIONAL STUDIES												
DEAN, DARDEN COLLEGE OF EDUCATION & PROFESSIONAL STUDIES												
300360-040	10%	OLD DOMINION UNIVERSITY	BARBER, MARGARET	0	0	0	4,420	4,420	0	4,420	0.00%	TRAD
300360-050	50%	OLD DOMINION UNIVERSITY	BARBER, MARGARET	26,429	12,174	0	165,843	204,446	0	204,446	0.00%	TRAD
300360-810	No	OLD DOMINION UNIVERSITY	BARBER, MARGARET	0	587	0	0	587	0	587	0.00%	TRAD
300478-020	No	OLD DOMINION UNIVERSITY	BARBER, MARGARET	0	0	0	34,204	34,204	0	34,204	0.00%	TRAD
300478-030	50%	OLD DOMINION UNIVERSITY	BARBER, MARGARET	0	6,000	0	34,428	40,428	0	40,428	0.00%	TRAD
400458-010	50%	NATIONAL CENTER FOR TEACHER RESIDENCIES	BARBER, MARGARET	11,781	991	0	62,526	75,298	894	76,192	1.19%	TRAD
300360-040	5%	OLD DOMINION UNIVERSITY	BRAY, JANE	0	0	0	2,210	2,210	0	2,210	0.00%	TRAD
300360-050	50%	OLD DOMINION UNIVERSITY	BURRELL-CRAFT, KAYLA	26,429	12,174	0	165,843	204,446	0	204,446	0.00%	TRAD
300360-060	No	OLD DOMINION UNIVERSITY	BURRELL-CRAFT, KAYLA	23,730	10,267	0	5,000	38,997	0	38,997	0.00%	TRAD
300478-030	50%	OLD DOMINION UNIVERSITY	BURRELL-CRAFT, KAYLA	0	6,000	0	34,428	40,428	0	40,428	0.00%	TRAD
400458-010	50%	NATIONAL CENTER FOR TEACHER RESIDENCIES	BURRELL-CRAFT, KAYLA	11,781	991	0	62,526	75,298	894	76,192	1.19%	TRAD
400486-010	50%	NATIONAL CENTER FOR TEACHER RESIDENCIES	BURRELL-CRAFT, KAYLA	0	198	0	0	198	44	242	22.22%	TRAD
100896-010	20%	NATIONAL SECURITY AGENCY	DICE, TAMMI	1,684	66	0	0	1,750	962	2,712	54.97%	TRAD
400445-010	50%	GROUP FOUNDATION FOR ADVANCING MENTAL HEALTH	DICE, TAMMI	1,650	0	0	0	1,650	0	1,650	0.00%	TRAD
300360-040	10%	OLD DOMINION UNIVERSITY	DICKINSON, GAIL	0	0	0	4,420	4,420	0	4,420	0.00%	TRAD
300360-040	75%	OLD DOMINION UNIVERSITY	SHAEFFER, MARGARET	0	0	0	33,151	33,151	0	33,151	0.00%	TRAD
		TOTAL DEAN, DARDEN COLLEGE OF EDUCATION & PROFESSIONAL STUDIES		**103,484**	**49,448**	**0**	**608,999**	**761,931**	**2,794**	**764,725**	**0.37%**	
DEAN, DARDEN COLLEGE OF EDUCATION & PROFESSIONAL STUDIES - CENTER FOR CYBERSECURITY (CYBER)												
300594-010	20%	OLD DOMINION UNIVERSITY	DICE, TAMMI	0	69	0	0	69	38	107	55.07%	CYBER
		TOTAL DEAN, DARDEN COLLEGE OF EDUCATION & PROFESSIONAL STUDIES - CENTER FOR CYBERSECURITY (CYBER)		**0**	**69**	**0**	**0**	**69**	**38**	**107**	**55.07%**	
DEPARTMENT OF TEACHING & LEARNING												
300570-010	25%	OLD DOMINION UNIVERSITY	BECK, JORI	1,722	0	0	6,288	8,010	0	8,010	0.00%	TRAD
400486-010	25%	NATIONAL CENTER FOR TEACHER RESIDENCIES	BECK, JORI	0	99	0	0	99	22	121	22.22%	TRAD
300643-010	30%	OLD DOMINION UNIVERSITY	BUTLER, BRANDON	1,913	0	0	4,086	5,999	0	5,999	0.00%	TRAD
300488-010	70%	GEORGE MASON UNIVERSITY	COLWELL, JAMIE	38,228	175	0	7,727	46,130	9,984	56,114	21.64%	TRAD
300518-010	50%	OLD DOMINION UNIVERSITY	CROMPTON, HELEN	5,680	0	0	414	6,094	240	6,334	3.94%	TRAD
300592-010	20%	OLD DOMINION UNIVERSITY	CROMPTON, HELEN	112,403	9,566	0	0	121,969	0	121,969	0.00%	TRAD
500379-020	20%	D'ANGELO TECHNOLOGIES LLC	CROMPTON, HELEN	17,839	444	0	0	18,283	11,884	30,167	65.00%	TRAD
300548-010	No	OLD DOMINION UNIVERSITY	ECKHOFF, ANGELA	7,552	1,229	0	108,527	117,308	703	118,011	0.60%	TRAD
100802-010	25%	NATIONAL SCIENCE FOUNDATION	ENDERSON, MARY	2,007	0	0	0	2,007	1,104	3,111	55.01%	TRAD
100802-010	25%	NATIONAL SCIENCE FOUNDATION	GRANT, MELVA	2,007	0	0	0	2,007	1,104	3,111	55.01%	TRAD
100736-010	15%	NATIONAL SCIENCE FOUNDATION	GUTIERREZ, KRISTIE	13,241	617	0	190	14,048	7,621	21,669	54.25%	TRAD
100816-010	17%	NATIONAL SCIENCE FOUNDATION	GUTIERREZ, KRISTIE	34,154	8,385	0	93	42,632	23,397	66,029	54.88%	TRAD
300488-010	30%	GEORGE MASON UNIVERSITY	GUTIERREZ, KRISTIE	16,383	75	0	3,311	19,769	4,279	24,048	21.64%	TRAD
300570-010	25%	OLD DOMINION UNIVERSITY	GUTIERREZ, KRISTIE	1,722	0	0	6,288	8,010	0	8,010	0.00%	TRAD
100736-010	20%	NATIONAL SCIENCE FOUNDATION	KIDD, JENNIFER	17,653	822	0	253	18,728	10,162	28,890	54.26%	TRAD
100816-010	21%	NATIONAL SCIENCE FOUNDATION	KIDD, JENNIFER	42,190	10,358	0	115	52,663	28,902	81,565	54.88%	TRAD
300570-010	50%	OLD DOMINION UNIVERSITY	SOMMERFELDT, JODY	3,445	0	0	12,575	16,020	0	16,020	0.00%	TRAD
300643-010	70%	OLD DOMINION UNIVERSITY	SOMMERFELDT, JODY	4,464	0	0	9,534	13,998	0	13,998	0.00%	TRAD
100832-010	No	NATIONAL ENDOWMENT FOR THE HUMANITIES	SUH, YONGHEE	7,545	6,521	0	0	14,066	3,657	17,723	26.00%	TRAD
400486-010	25%	NATIONAL CENTER FOR TEACHER RESIDENCIES	SUTPHIN, LATANYA	0	99	0	0	99	22	121	22.22%	TRAD
		TOTAL DEPARTMENT OF TEACHING & LEARNING		**330,148**	**38,390**	**0**	**159,401**	**527,939**	**103,081**	**631,020**	**19.53%**	
DEPARTMENT OF STEM EDUCATION & PROFESSIONAL STUDIES												
100869-010	No	INSTITUTE OF MUSEUM AND LIBRARY SERVICES	ANDERSON, AMELIA	3,995	4,444	0	0	8,439	4,642	13,081	55.01%	TRAD
200173-010	50%	VA DEPARTMENT OF REHABILITATIVE SERVICES	DAVIS, SHARON	0	0	0	(25)	(25)	0	(25)	0.00%	TRAD
100404-010	50%	NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION	DICKERSON, DANIEL	0	0	0	10	10	8	18	80.00%	TRAD
300395-010	No	UNIVERSITY OF MARYLAND	DISCALA, JEFFREY	4,866	0	0	0	4,866	2,676	7,542	54.99%	TRAD

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300030-016	5%	UNIVERSITY OF VIRGINIA	KATSIOLOUDIS, PETROS	742	697	0	0	1,439	0	1,439	0.00%	TRAD
300567-010	15%	OLD DOMINION UNIVERSITY	KATSIOLOUDIS, PETROS	14,412	3,188	0	8,272	25,872	1,408	27,280	5.44%	TRAD
200173-010	50%	VA DEPARTMENT OF REHABILITATIVE SERVICES	KOSLOSKI, MICHAEL	0	0	0	(25)	(25)	0	(25)	0.00%	TRAD
300572-010	80%	OLD DOMINION UNIVERSITY	LUO, TIAN	4,706	0	0	0	4,706	0	4,706	0.00%	TRAD
300669-004	No	OLD DOMINION UNIVERSITY	LUO, TIAN	3,428	0	0	0	3,428	0	3,428	0.00%	TRAD
200341-010	No	NORFOLK PUBLIC SCHOOLS	MCKINNEY, SUEANNE	0	0	0	60,431	60,431	0	60,431	0.00%	TRAD
300622-010	No	NORTH CAROLINA STATE UNIVERSITY	MOORE, ROBERT	7,242	0	0	0	7,242	3,983	11,225	55.00%	TRAD
100708-010	15%	NATIONAL SCIENCE FOUNDATION	TOMOVIC, CYNTHIA	5,886	0	0	17,275	23,161	3,237	26,398	13.98%	TRAD
	TOTAL DEPARTMENT OF STEM EDUCATION & PROFESSIONAL STUDIES			**45,277**	**8,329**	**0**	**85,938**	**139,544**	**15,954**	**155,498**	**11.43%**	
DEPARTMENT OF HUMAN MOVEMENT SCIENCES												
100829-010	30%	NATIONAL SCIENCE FOUNDATION	BENNETT, HUNTER	8,410	0	0	0	8,410	4,625	13,035	54.99%	TRAD
300648-010	50%	STONY BROOK UNIVERSITY	BENNETT, HUNTER	1,832	0	0	0	1,832	1,008	2,840	55.02%	TRAD
400398-010	80%	JEFFRESS RESEARCH GRANTS PROGRAM	BENNETT, HUNTER	16,970	5,889	0	0	22,859	0	22,859	0.00%	TRAD
300564-010	No	EAST CAROLINA UNIVERSITY	HAEGELE, JUSTIN	19,643	2,692	0	131,332	153,667	1,786	155,453	1.16%	TRAD
400398-010	20%	JEFFRESS RESEARCH GRANTS PROGRAM	HAEGELE, JUSTIN	4,242	1,472	0	0	5,714	0	5,714	0.00%	TRAD
400460-010	75%	SPENCER FOUNDATION	HAEGELE, JUSTIN	2,266	0	0	0	2,266	0	2,266	0.00%	TRAD
400464-010	No	LIONS OF DISTRICT 24-I	HILL, EDWARD	3,608	75	0	0	3,683	0	3,683	0.00%	TRAD
100813-010	30%	NATIONAL SCIENCE FOUNDATION	REYNOLDS, LERYN	10,209	549	0	0	10,758	5,917	16,675	55.00%	TRAD
300541-002	30%	OLD DOMINION UNIVERSITY	USHER, LINDSAY	1,208	665	0	0	1,873	328	2,201	17.51%	TRAD
300541-001	No	OLD DOMINION UNIVERSITY	ZAJCHOWSKI, CHRISTOPHER	31,717	3,732	0	155,871	191,320	6,204	197,524	3.24%	TRAD
300541-002	40%	OLD DOMINION UNIVERSITY	ZAJCHOWSKI, CHRISTOPHER	1,611	887	0	0	2,498	437	2,935	17.49%	TRAD
300541-002	30%	OLD DOMINION UNIVERSITY	ZHOU, YILUN	1,208	665	0	0	1,873	328	2,201	17.51%	TRAD
400460-010	25%	SPENCER FOUNDATION	ZHU, XIHE	755	0	0	0	755	0	755	0.00%	TRAD
	TOTAL DEPARTMENT OF HUMAN MOVEMENT SCIENCES			**103,679**	**16,626**	**0**	**287,203**	**407,508**	**20,633**	**428,141**	**5.06%**	
DEPARTMENT OF COMMUNICATION DISORDERS & SPECIAL EDUCATION												
200339-010	25%	GEORGIA DEPARTMENT OF EDUCATION	BARRETT, SUSAN	5,935	0	0	0	5,935	1,543	7,478	26.00%	TRAD
100559-010	33%	U.S. DEPARTMENT OF EDUCATION	BOBZIEN, JONNA	4,924	0	0	6,254	11,178	394	11,572	3.52%	TRAD
300573-010	33%	GEORGE MASON UNIVERSITY	BOBZIEN, JONNA	4,530	0	0	6,316	10,846	362	11,208	3.34%	TRAD
300636-010	33%	GEORGE MASON UNIVERSITY	BOBZIEN, JONNA	997	0	0	4,296	5,293	80	5,373	1.51%	TRAD
200291-010	33%	VERMONT AGENCY OF EDUCATION	GABLE, ROBERT	13,967	0	0	23,476	37,443	1,117	38,560	2.98%	TRAD
200309-010	33%	NORFOLK PUBLIC SCHOOLS	GABLE, ROBERT	6,541	16	0	0	6,557	1,705	8,262	26.00%	TRAD
200309-020	33%	NORFOLK PUBLIC SCHOOLS	GABLE, ROBERT	6,333	0	0	0	6,333	1,647	7,980	26.01%	TRAD
200339-010	25%	GEORGIA DEPARTMENT OF EDUCATION	GABLE, ROBERT	5,935	0	0	0	5,935	1,543	7,478	26.00%	TRAD
300104-010	50%	OLD DOMINION UNIVERSITY	GABLE, ROBERT	0	0	0	35	35	12	47	34.29%	TRAD
300356-040	25%	OLD DOMINION UNIVERSITY	GABLE, ROBERT	6,116	1,381	0	0	7,497	600	8,097	8.00%	TRAD
300480-010	50%	OLD DOMINION UNIVERSITY	GABLE, ROBERT	216,322	128,529	0	4,870	349,721	27,588	377,309	7.89%	TRAD
300496-010	50%	OLD DOMINION UNIVERSITY	GABLE, ROBERT	23,713	11,521	0	0	35,234	2,819	38,053	8.00%	TRAD
300500-010	50%	OLD DOMINION UNIVERSITY	GABLE, ROBERT	20,822	13,835	0	4,412	39,069	2,773	41,842	7.10%	TRAD
300500-020	50%	OLD DOMINION UNIVERSITY	GABLE, ROBERT	0	10,041	0	1,081	11,122	803	11,925	7.22%	TRAD
300505-010	33%	UNIVERSITY OF OREGON	GABLE, ROBERT	98,051	26,235	0	0	124,286	32,315	156,601	26.00%	TRAD
300552-010	50%	OLD DOMINION UNIVERSITY	GABLE, ROBERT	118,515	8,225	0	0	126,740	10,140	136,880	8.00%	TRAD
300560-010	50%	OLD DOMINION UNIVERSITY	GABLE, ROBERT	232,472	34,981	0	24,266	291,719	21,396	313,115	7.33%	TRAD
300560-020	50%	OLD DOMINION UNIVERSITY	GABLE, ROBERT	137,817	44,616	0	0	182,433	14,595	197,028	8.00%	TRAD
300563-010	33%	OLD DOMINION UNIVERSITY	GABLE, ROBERT	15,158	0	0	0	15,158	1,213	16,371	8.00%	TRAD
300574-010	30%	OLD DOMINION UNIVERSITY	GABLE, ROBERT	34,119	5,582	0	0	39,701	3,176	42,877	8.00%	TRAD
300578-010	33%	OLD DOMINION UNIVERSITY	GABLE, ROBERT	0	(227)	0	0	(227)	(18)	(245)	7.93%	TRAD
300582-010	33%	OLD DOMINION UNIVERSITY	GABLE, ROBERT	0	16,271	0	0	16,271	1,302	17,573	8.00%	TRAD
300621-010	50%	OLD DOMINION UNIVERSITY	GABLE, ROBERT	51,362	0	0	0	51,362	4,109	55,471	8.00%	TRAD
300626-010	50%	OLD DOMINION UNIVERSITY	GABLE, ROBERT	110,701	644	0	0	111,345	8,907	120,252	8.00%	TRAD
300626-020	50%	OLD DOMINION UNIVERSITY	GABLE, ROBERT	118,478	229	0	0	118,707	9,496	128,203	8.00%	TRAD
300627-010	33%	OLD DOMINION UNIVERSITY	GABLE, ROBERT	4,504	0	0	0	4,504	360	4,864	7.99%	TRAD

SCHEDULE 4

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

SPONSORED PROGRAM ACTIVITY BY INDIVIDUAL PROJECT

(MEASURED BY EXPENDITURES INCURRED)

FOR FISCAL YEAR 2021

PROJECT NUMBER	SPLIT	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	STIPENDS, SUBCONTRACTS, TUITION, OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	ENTERPRISE CODE
300630-010	33%	OLD DOMINION UNIVERSITY	GABLE, ROBERT	8,080	0	0	20,988	29,068	0	29,068	0.00%	TRAD
300631-010	33%	OLD DOMINION UNIVERSITY	GABLE, ROBERT	17,521	43,578	0	0	61,099	4,888	65,987	8.00%	TRAD
300646-010	33%	OLD DOMINION UNIVERSITY	GABLE, ROBERT	1,791	14,942	0	0	16,733	1,339	18,072	8.00%	TRAD
100559-010	34%	U.S. DEPARTMENT OF EDUCATION	GEAR, SABRA	5,073	0	0	6,444	11,517	406	11,923	3.53%	TRAD
100601-010	25%	U.S. DEPARTMENT OF EDUCATION	GEAR, SABRA	10,828	0	0	731	11,559	2,815	14,374	24.35%	TRAD
100559-010	33%	U.S. DEPARTMENT OF EDUCATION	HESTER, PEGGY	4,924	0	0	6,254	11,178	394	11,572	3.52%	TRAD
100601-010	50%	U.S. DEPARTMENT OF EDUCATION	HESTER, PEGGY	21,655	0	0	1,462	23,117	5,630	28,747	24.35%	TRAD
300396-010	33%	OLD DOMINION UNIVERSITY	JUDGE, SHARON	47,522	6,091	0	23,060	76,673	4,289	80,962	5.59%	TRAD
300625-010	No	OLD DOMINION UNIVERSITY	LAYDEN, SELENA	3,863	1,286	0	0	5,149	412	5,561	8.00%	TRAD
200291-010	33%	VERMONT AGENCY OF EDUCATION	MAYDOSZ, ANN	13,967	0	0	23,476	37,443	1,117	38,560	2.98%	TRAD
200309-010	33%	NORFOLK PUBLIC SCHOOLS	MAYDOSZ, ANN	6,541	16	0	0	6,557	1,705	8,262	26.00%	TRAD
200309-020	33%	NORFOLK PUBLIC SCHOOLS	MAYDOSZ, ANN	6,333	0	0	0	6,333	1,647	7,980	26.01%	TRAD
200339-010	25%	GEORGIA DEPARTMENT OF EDUCATION	MAYDOSZ, ANN	5,935	0	0	0	5,935	1,543	7,478	26.00%	TRAD
200347-010	50%	NORFOLK PUBLIC SCHOOLS	MAYDOSZ, ANN	965	7,493	0	0	8,458	677	9,135	8.00%	TRAD
300356-040	25%	OLD DOMINION UNIVERSITY	MAYDOSZ, ANN	6,116	1,381	0	0	7,497	600	8,097	8.00%	TRAD
300505-010	33%	UNIVERSITY OF OREGON	MAYDOSZ, ANN	98,051	26,235	0	0	124,286	32,315	156,601	26.00%	TRAD
300563-010	33%	OLD DOMINION UNIVERSITY	MAYDOSZ, ANN	15,158	0	0	0	15,158	1,213	16,371	8.00%	TRAD
300571-010	50%	GEORGE MASON UNIVERSITY	MAYDOSZ, ANN	6,756	0	0	1,098	7,854	540	8,394	6.88%	TRAD
300573-010	33%	GEORGE MASON UNIVERSITY	MAYDOSZ, ANN	4,530	0	0	6,316	10,846	362	11,208	3.34%	TRAD
300574-010	30%	OLD DOMINION UNIVERSITY	MAYDOSZ, ANN	34,119	5,582	0	0	39,701	3,176	42,877	8.00%	TRAD
300577-010	33%	OLD DOMINION UNIVERSITY	MAYDOSZ, ANN	3,862	280	0	0	4,142	1,077	5,219	26.00%	TRAD
300578-010	33%	OLD DOMINION UNIVERSITY	MAYDOSZ, ANN	0	(227)	0	0	(227)	(18)	(245)	7.93%	TRAD
300581-010	50%	OLD DOMINION UNIVERSITY	MAYDOSZ, ANN	0	12,385	0	0	12,385	991	13,376	8.00%	TRAD
300582-010	33%	OLD DOMINION UNIVERSITY	MAYDOSZ, ANN	0	16,271	0	0	16,271	1,302	17,573	8.00%	TRAD
300613-010	50%	OLD DOMINION UNIVERSITY	MAYDOSZ, ANN	0	29,460	0	0	29,460	2,357	31,817	8.00%	TRAD
300627-010	33%	OLD DOMINION UNIVERSITY	MAYDOSZ, ANN	4,504	0	0	0	4,504	360	4,864	7.99%	TRAD
300630-010	33%	OLD DOMINION UNIVERSITY	MAYDOSZ, ANN	8,080	0	0	20,988	29,068	0	29,068	0.00%	TRAD
300631-010	33%	OLD DOMINION UNIVERSITY	MAYDOSZ, ANN	17,521	43,578	0	0	61,099	4,888	65,987	8.00%	TRAD
300632-010	50%	OLD DOMINION UNIVERSITY	MAYDOSZ, ANN	2,739	187,538	0	0	190,277	15,222	205,499	8.00%	TRAD
300636-010	33%	GEORGE MASON UNIVERSITY	MAYDOSZ, ANN	997	0	0	4,296	5,293	80	5,373	1.51%	TRAD
300637-010	50%	GEORGE MASON UNIVERSITY	MAYDOSZ, ANN	600	425	0	486	1,511	82	1,593	5.43%	TRAD
300646-010	33%	OLD DOMINION UNIVERSITY	MAYDOSZ, ANN	1,791	14,942	0	0	16,733	1,339	18,072	8.00%	TRAD
300664-010	50%	OLD DOMINION UNIVERSITY	MAYDOSZ, ANN	4,551	6,250	0	0	10,801	864	11,665	8.00%	TRAD
300669-005	No	OLD DOMINION UNIVERSITY	MICHALEK, ANNE	3,734	0	0	0	3,734	0	3,734	0.00%	TRAD
200327-010	No	VA DEPARTMENT OF EDUCATION	MURPHY, KIMBERLY	2,344	1,001	0	0	3,345	267	3,612	7.98%	TRAD
300588-010	No	OLD DOMINION UNIVERSITY	MURPHY, KIMBERLY	1,306	0	0	0	1,306	104	1,410	7.96%	TRAD
200291-010	34%	VERMONT AGENCY OF EDUCATION	TONELSON, STEPHEN	14,391	0	0	24,188	38,579	1,151	39,730	2.98%	TRAD
200309-010	34%	NORFOLK PUBLIC SCHOOLS	TONELSON, STEPHEN	6,740	16	0	0	6,756	1,757	8,513	26.01%	TRAD
200309-020	34%	NORFOLK PUBLIC SCHOOLS	TONELSON, STEPHEN	6,525	0	0	0	6,525	1,697	8,222	26.01%	TRAD
200339-010	25%	GEORGIA DEPARTMENT OF EDUCATION	TONELSON, STEPHEN	5,935	0	0	0	5,935	1,543	7,478	26.00%	TRAD
200347-010	50%	NORFOLK PUBLIC SCHOOLS	TONELSON, STEPHEN	965	7,493	0	0	8,458	677	9,135	8.00%	TRAD
300104-010	50%	OLD DOMINION UNIVERSITY	TONELSON, STEPHEN	0	0	0	35	35	12	47	34.29%	TRAD
300356-040	40%	OLD DOMINION UNIVERSITY	TONELSON, STEPHEN	9,785	2,210	0	0	11,995	960	12,955	8.00%	TRAD
300480-010	50%	OLD DOMINION UNIVERSITY	TONELSON, STEPHEN	216,322	128,529	0	4,870	349,721	27,588	377,309	7.89%	TRAD
300496-010	50%	OLD DOMINION UNIVERSITY	TONELSON, STEPHEN	23,713	11,521	0	0	35,234	2,819	38,053	8.00%	TRAD
300500-010	50%	OLD DOMINION UNIVERSITY	TONELSON, STEPHEN	20,822	13,835	0	4,412	39,069	2,773	41,842	7.10%	TRAD
300500-020	50%	OLD DOMINION UNIVERSITY	TONELSON, STEPHEN	0	10,041	0	1,081	11,122	803	11,925	7.22%	TRAD
300505-010	34%	UNIVERSITY OF OREGON	TONELSON, STEPHEN	101,022	27,030	0	0	128,052	33,294	161,346	26.00%	TRAD
300552-010	50%	OLD DOMINION UNIVERSITY	TONELSON, STEPHEN	118,515	8,225	0	0	126,740	10,140	136,880	8.00%	TRAD
300560-010	50%	OLD DOMINION UNIVERSITY	TONELSON, STEPHEN	232,472	34,981	0	24,266	291,719	21,396	313,115	7.33%	TRAD
300560-020	50%	OLD DOMINION UNIVERSITY	TONELSON, STEPHEN	137,817	44,616	0	0	182,433	14,595	197,028	8.00%	TRAD
300563-010	34%	OLD DOMINION UNIVERSITY	TONELSON, STEPHEN	15,617	0	0	0	15,617	1,249	16,866	8.00%	TRAD
300571-010	50%	GEORGE MASON UNIVERSITY	TONELSON, STEPHEN	6,756	0	0	1,098	7,854	540	8,394	6.88%	TRAD

SCHEDULE 4

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

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(MEASURED BY EXPENDITURES INCURRED)

FOR FISCAL YEAR 2021

PROJECT NUMBER	SPLIT	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	STIPENDS, SUBCONTRACTS, TUITION, OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	ENTERPRISE CODE
300573-010	34%	GEORGE MASON UNIVERSITY	TONELSON, STEPHEN	4,667	0	0	6,507	11,174	373	11,547	3.34%	TRAD
300574-010	35%	OLD DOMINION UNIVERSITY	TONELSON, STEPHEN	39,806	6,512	0	0	46,318	3,706	50,024	8.00%	TRAD
300577-010	34%	OLD DOMINION UNIVERSITY	TONELSON, STEPHEN	3,979	288	0	0	4,267	1,109	5,376	25.99%	TRAD
300578-010	34%	OLD DOMINION UNIVERSITY	TONELSON, STEPHEN	0	(234)	0	0	(234)	(19)	(253)	8.12%	TRAD
300581-010	50%	OLD DOMINION UNIVERSITY	TONELSON, STEPHEN	0	12,385	0	0	12,385	991	13,376	8.00%	TRAD
300582-010	34%	OLD DOMINION UNIVERSITY	TONELSON, STEPHEN	0	16,764	0	0	16,764	1,341	18,105	8.00%	TRAD
300613-010	50%	OLD DOMINION UNIVERSITY	TONELSON, STEPHEN	0	29,460	0	0	29,460	2,357	31,817	8.00%	TRAD
300621-010	50%	OLD DOMINION UNIVERSITY	TONELSON, STEPHEN	51,362	0	0	0	51,362	4,109	55,471	8.00%	TRAD
300626-010	50%	OLD DOMINION UNIVERSITY	TONELSON, STEPHEN	110,701	644	0	0	111,345	8,907	120,252	8.00%	TRAD
300626-020	50%	OLD DOMINION UNIVERSITY	TONELSON, STEPHEN	118,478	229	0	0	118,707	9,496	128,203	8.00%	TRAD
300627-010	34%	OLD DOMINION UNIVERSITY	TONELSON, STEPHEN	4,640	0	0	0	4,640	371	5,011	8.00%	TRAD
300630-010	34%	OLD DOMINION UNIVERSITY	TONELSON, STEPHEN	8,325	0	0	21,624	29,949	0	29,949	0.00%	TRAD
300631-010	34%	OLD DOMINION UNIVERSITY	TONELSON, STEPHEN	18,052	44,899	0	0	62,951	5,036	67,987	8.00%	TRAD
300632-010	50%	OLD DOMINION UNIVERSITY	TONELSON, STEPHEN	2,739	187,538	0	0	190,277	15,222	205,499	8.00%	TRAD
300636-010	34%	GEORGE MASON UNIVERSITY	TONELSON, STEPHEN	1,027	0	0	4,426	5,453	82	5,535	1.50%	TRAD
300637-010	50%	GEORGE MASON UNIVERSITY	TONELSON, STEPHEN	600	425	0	486	1,511	82	1,593	5.43%	TRAD
300646-010	34%	OLD DOMINION UNIVERSITY	TONELSON, STEPHEN	1,846	15,395	0	0	17,241	1,379	18,620	8.00%	TRAD
300664-010	50%	OLD DOMINION UNIVERSITY	TONELSON, STEPHEN	4,551	6,250	0	0	10,801	864	11,665	8.00%	TRAD
100673-010	20%	NATIONAL SCIENCE FOUNDATION	WATSON, SILVANA	4,509	734	0	0	5,243	2,883	8,126	54.99%	TRAD
300396-010	34%	OLD DOMINION UNIVERSITY	WATSON, SILVANA	48,962	6,276	0	23,759	78,997	4,420	83,417	5.60%	TRAD
		TOTAL DEPARTMENT OF COMMUNICATION DISORDERS & SPECIAL EDUCATION		**2,950,710**	**1,336,448**	**0**	**307,357**	**4,594,515**	**429,663**	**5,024,178**	**9.35%**	
DEPARTMENT OF EDUCATIONAL FOUNDATIONS & LEADERSHIP												
400445-010	25%	GROUP FOUNDATION FOR ADVANCING MENTAL HEALTH	MYRAN, STEVE	825	0	0	0	825	0	825	0.00%	TRAD
300402-010	No	MICHIGAN STATE UNIVERSITY	PEREZ, ANTHONY	16,987	670	0	3,182	20,839	9,712	30,551	46.60%	TRAD
300607-010	No	MICHIGAN STATE UNIVERSITY	PEREZ, ANTHONY	35,164	0	0	6,994	42,158	19,340	61,498	45.88%	TRAD
400419-010	No	SPENCER FOUNDATION	PEREZ, ANTHONY	4,589	0	0	1,641	6,230	0	6,230	0.00%	TRAD
100673-010	20%	NATIONAL SCIENCE FOUNDATION	PRIBESH, SHANA	4,509	734	0	0	5,243	2,883	8,126	54.99%	TRAD
100709-010	20%	NATIONAL SCIENCE FOUNDATION	PRIBESH, SHANA	3,490	1,000	0	29,331	33,821	2,470	36,291	7.30%	TRAD
100856-010	20%	NATIONAL SCIENCE FOUNDATION	SANZO, KAREN	6,103	0	0	1,500	7,603	3,356	10,959	44.14%	TRAD
200305-010	75%	HALIFAX COUNTY SCHOOLS	SANZO, KAREN	601	0	0	0	601	0	601	0.00%	TRAD
200305-010	25%	HALIFAX COUNTY SCHOOLS	SCRIBNER, JAY	200	0	0	0	200	0	200	0.00%	TRAD
300612-010	No	UNIVERSITY OF VIRGINIA	WHITE (DICKMAN), RACHEL	14,673	757	0	0	15,430	4,012	19,442	26.00%	TRAD
400401-010	No	SPENCER FOUNDATION	WHITE (DICKMAN), RACHEL	2,939	4,500	0	0	7,439	0	7,439	0.00%	TRAD
		TOTAL DEPARTMENT OF EDUCATIONAL FOUNDATIONS & LEADERSHIP		**90,080**	**7,661**	**0**	**42,648**	**140,389**	**41,773**	**182,162**	**29.76%**	
DEPARTMENT OF COUNSELING & HUMAN SERVICES												
100726-020	30%	U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	BADGER, NANCY	2,847	1,887	0	0	4,734	1,515	6,249	32.00%	TRAD
400445-010	25%	GROUP FOUNDATION FOR ADVANCING MENTAL HEALTH	BROWN, NINA	825	0	0	0	825	0	825	0.00%	TRAD
100689-040	10%	U.S. PUBLIC HEALTH SERVICE (HEALTH RESOURCES AND SERVICES ADMINISTRATION - HRSA)	CARLISLE, KRISTY	10,524	459	0	18,662	29,645	879	30,524	2.97%	TRAD
100819-010	10%	U.S. PUBLIC HEALTH SERVICE (HEALTH RESOURCES AND SERVICES ADMINISTRATION - HRSA)	CARLISLE, KRISTY	4,876	0	0	18,300	23,176	391	23,567	1.69%	TRAD
100726-010	30%	U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	HOLLEY, ANGELA	86	0	0	0	86	28	114	32.56%	TRAD
100726-020	10%	U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	HOLLEY, ANGELA	949	629	0	0	1,578	505	2,083	32.00%	TRAD
100726-030	30%	U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	HOLLEY, ANGELA	12,723	2,134	0	0	14,857	4,754	19,611	32.00%	TRAD
100689-030	14%	U.S. PUBLIC HEALTH SERVICE (HEALTH RESOURCES AND SERVICES ADMINISTRATION - HRSA)	KEMER, GULSAH	6,489	0	0	4,284	10,773	519	11,292	4.82%	TRAD
100689-040	14%	U.S. PUBLIC HEALTH SERVICE (HEALTH RESOURCES AND SERVICES ADMINISTRATION - HRSA)	KEMER, GULSAH	14,733	642	0	26,127	41,502	1,230	42,732	2.96%	TRAD
100726-010	10%	U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	KILLEN, RAGAN	29	0	0	0	29	9	38	31.03%	TRAD
100726-030	10%	U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	KILLEN, RAGAN	4,241	712	0	0	4,953	1,585	6,538	32.00%	TRAD
100689-030	24%	U.S. PUBLIC HEALTH SERVICE (HEALTH RESOURCES AND SERVICES ADMINISTRATION - HRSA)	MOE, JEFFRY	11,125	0	0	7,344	18,469	890	19,359	4.82%	TRAD
100689-040	24%	U.S. PUBLIC HEALTH SERVICE (HEALTH RESOURCES AND SERVICES ADMINISTRATION - HRSA)	MOE, JEFFRY	25,257	1,102	0	44,790	71,149	2,109	73,258	2.96%	TRAD
100819-010	5%	U.S. PUBLIC HEALTH SERVICE (HEALTH RESOURCES AND SERVICES ADMINISTRATION - HRSA)	MOE, JEFFRY	2,438	0	0	9,150	11,588	195	11,783	1.68%	TRAD
100689-040	10%	U.S. PUBLIC HEALTH SERVICE (HEALTH RESOURCES AND SERVICES ADMINISTRATION - HRSA)	POPE, AMBER	10,524	459	0	18,662	29,645	879	30,524	2.97%	TRAD
100689-030	25%	U.S. PUBLIC HEALTH SERVICE (HEALTH RESOURCES AND SERVICES ADMINISTRATION - HRSA)	REHFUSS, MARK	11,588	0	0	7,651	19,239	927	20,166	4.82%	TRAD

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PROJECT NUMBER	SPLIT	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	STIPENDS, SUBCONTRACTS, TUITION, OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	ENTERPRISE CODE
100689-040	25%	U.S. PUBLIC HEALTH SERVICE (HEALTH RESOURCES AND SERVICES ADMINISTRATION - HRSA)	REHFUSS, MARK	26,310	1,148	0	46,656	74,114	2,196	76,310	2.96%	TRAD
100819-010	35%	U.S. PUBLIC HEALTH SERVICE (HEALTH RESOURCES AND SERVICES ADMINISTRATION - HRSA)	REHFUSS, MARK	17,067	0	0	64,050	81,117	1,365	82,482	1.68%	TRAD
300349-010	No	EASTERN VIRGINIA MEDICAL SCHOOL	REHFUSS, MARK	1,348	0	0	4,934	6,282	108	6,390	1.72%	TRAD
300349-011	60%	EASTERN VIRGINIA MEDICAL SCHOOL	REHFUSS, MARK	2,999	0	0	0	2,999	240	3,239	8.00%	TRAD
300566-011	15%	UNIVERSITY OF VIRGINIA	REHFUSS, MARK	3,791	0	0	0	3,791	986	4,777	26.01%	TRAD
100819-010	10%	U.S. PUBLIC HEALTH SERVICE (HEALTH RESOURCES AND SERVICES ADMINISTRATION - HRSA)	SIMMONS, JENNIFER	4,876	0	0	18,300	23,176	391	23,567	1.69%	TRAD
100819-010	17%	U.S. PUBLIC HEALTH SERVICE (HEALTH RESOURCES AND SERVICES ADMINISTRATION - HRSA)	SPARKMAN-KEY, NARKETTA	8,290	0	0	31,110	39,400	663	40,063	1.68%	TRAD
100819-010	10%	U.S. PUBLIC HEALTH SERVICE (HEALTH RESOURCES AND SERVICES ADMINISTRATION - HRSA)	TARVER, SHUNTAY	4,876	0	0	18,300	23,176	391	23,567	1.69%	TRAD
100819-010	10%	U.S. PUBLIC HEALTH SERVICE (HEALTH RESOURCES AND SERVICES ADMINISTRATION - HRSA)	WINFIELD, CHANIECE	4,876	0	0	18,300	23,176	391	23,567	1.69%	TRAD
300566-011	15%	UNIVERSITY OF VIRGINIA	WINFIELD, CHANIECE	3,791	0	0	0	3,791	986	4,777	26.01%	TRAD
TOTAL DEPARTMENT OF COUNSELING & HUMAN SERVICES				**197,478**	**9,172**	**0**	**356,620**	**563,270**	**24,132**	**587,402**	**4.28%**	
DEPARTMENT OF COUNSELING & HUMAN SERVICES - CENTER FOR CYBERSECURITY (CYBER)												
300594-010	20%	OLD DOMINION UNIVERSITY	DICE, TAMMI	5,235	208	0	0	5,443	2,993	8,436	54.99%	CYBER
TOTAL DEPARTMENT OF COUNSELING & HUMAN SERVICES - CENTER FOR CYBERSECURITY (CYBER)				**5,235**	**208**	**0**	**0**	**5,443**	**2,993**	**8,436**	**54.99%**	
THE CENTER FOR EDUCATIONAL PARTNERSHIPS												
100835-010	20%	U.S. DEPARTMENT OF EDUCATION	BROBST, JOSEPH	46,873	3,118	0	32,216	82,207	27,495	109,702	33.45%	TCEP
300503-010	No	WESTERN WASHINGTON UNIVERSITY	BROBST, JOSEPH	30,954	185	0	0	31,139	17,127	48,266	55.00%	TCEP
300527-010	No	WESTERN WASHINGTON UNIVERSITY	BROBST, JOSEPH	18,744	250	0	0	18,994	10,447	29,441	55.00%	TCEP
300635-010	No	DELAWARE TECHNICAL AND COMMUNITY COLLEGE	BROBST, JOSEPH	11,637	0	0	0	11,637	6,400	18,037	55.00%	TCEP
100721-010	33%	OFFICE OF NAVAL RESEARCH	CHAPPELL MOOTS, SHANAN	5,971	0	0	79,821	85,792	2,149	87,941	2.50%	TCEP
100835-010	20%	U.S. DEPARTMENT OF EDUCATION	CHAPPELL MOOTS, SHANAN	46,873	3,118	0	32,216	82,207	27,495	109,702	33.45%	TCEP
200213-010	50%	CHESAPEAKE PUBLIC SCHOOLS	CHAPPELL MOOTS, SHANAN	(491)	0	0	1,918	1,427	0	1,427	0.00%	TCEP
100721-010	34%	OFFICE OF NAVAL RESEARCH	GARNER, JOANNA	6,151	0	0	82,240	88,391	2,214	90,605	2.50%	TCEP
100835-010	20%	U.S. DEPARTMENT OF EDUCATION	GARNER, JOANNA	46,873	3,118	0	32,216	82,207	27,495	109,702	33.45%	TCEP
100885-010	No	SMITHSONIAN INSTITUTION	GARNER, JOANNA	9,353	0	0	0	9,353	2,432	11,785	26.00%	TCEP
200009-022	No	STATE COUNCIL FOR HIGHER EDUCATION IN VA (SCHEV)	GARNER, JOANNA	0	(200)	0	0	(200)	0	(200)	0.00%	TCEP
200213-010	50%	CHESAPEAKE PUBLIC SCHOOLS	GARNER, JOANNA	(491)	0	0	1,918	1,427	0	1,427	0.00%	TCEP
300557-010	No	OKLAHOMA STATE UNIVERSITY	GARNER, JOANNA	6,467	0	0	0	6,467	1,682	8,149	26.01%	TCEP
300587-010	30%	OLD DOMINION UNIVERSITY	GARNER, JOANNA	677	5,370	0	14,790	20,837	0	20,837	0.00%	TCEP
300587-020	30%	OLD DOMINION UNIVERSITY	GARNER, JOANNA	6,612	0	0	149	6,761	0	6,761	0.00%	TCEP
400444-010	No	NATIONAL INVENTORS HALL OF FAME	GARNER, JOANNA	4,721	0	0	0	4,721	708	5,429	15.00%	TCEP
400470-010	No	NATIONAL INVENTORS HALL OF FAME	GARNER, JOANNA	11,766	0	0	0	11,766	6,471	18,237	55.00%	TCEP
500430-010	No	BIOSTL STEM COACHING, LLC, DBA: SCIENCE COACH	GARNER, JOANNA	2,328	0	0	30	2,358	353	2,711	14.97%	TCEP
100721-010	33%	OFFICE OF NAVAL RESEARCH	LONEY, MELANI	5,971	0	0	79,821	85,792	2,149	87,941	2.50%	TCEP
100835-010	20%	U.S. DEPARTMENT OF EDUCATION	LONEY, MELANI	46,873	3,118	0	32,216	82,207	27,495	109,702	33.45%	TCEP
200290-010	70%	YORK COUNTY SCHOOLS	LONEY, MELANI	16,109	57	0	0	16,166	808	16,974	5.00%	TCEP
300587-010	40%	OLD DOMINION UNIVERSITY	LONEY, MELANI	903	7,161	0	19,719	27,783	0	27,783	0.00%	TCEP
300587-020	40%	OLD DOMINION UNIVERSITY	LONEY, MELANI	8,816	0	0	198	9,014	0	9,014	0.00%	TCEP
100835-010	20%	U.S. DEPARTMENT OF EDUCATION	WEBSTER, HALLDORA	46,873	3,118	0	32,216	82,207	27,495	109,702	33.45%	TCEP
200290-010	30%	YORK COUNTY SCHOOLS	WEBSTER, HALLDORA	6,904	24	0	0	6,928	346	7,274	4.99%	TCEP
300587-010	30%	OLD DOMINION UNIVERSITY	WEBSTER, HALLDORA	677	5,370	0	14,790	20,837	0	20,837	0.00%	TCEP
300587-020	30%	OLD DOMINION UNIVERSITY	WEBSTER, HALLDORA	6,612	0	0	149	6,761	0	6,761	0.00%	TCEP
TOTAL THE CENTER FOR EDUCATIONAL PARTNERSHIPS				**394,756**	**33,807**	**0**	**456,623**	**885,186**	**190,761**	**1,075,947**	**21.55%**	
TOTAL DARDEN COLLEGE OF EDUCATION & PROFESSIONAL STUDIES				**4,220,847**	**1,500,158**	**0**	**2,304,789**	**8,025,794**	**831,822**	**8,857,616**	**10.36%**	

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BATTEN COLLEGE OF ENGINEERING & TECHNOLOGY												
DEAN, BATTEN COLLEGE OF ENGINEERING & TECHNOLOGY												
100708-010	30%	NATIONAL SCIENCE FOUNDATION	DEAN, ANTHONY	11,771	0	0	34,551	46,322	6,474	52,796	13.98%	TRAD
100720-010	51%	OFFICE OF NAVAL RESEARCH	DEAN, ANTHONY	25,830	17,333	0	0	43,163	44,051	87,214	102.06%	TRAD
100791-010	33%	OFFICE OF NAVAL RESEARCH	DEAN, ANTHONY	0	0	0	51	51	0	51	0.00%	TRAD
100839-010	33%	OFFICE OF NAVAL RESEARCH	DEAN, ANTHONY	15,600	0	0	3,120	18,720	8,580	27,300	45.83%	TRAD
100880-010	25%	NATIONAL SECURITY AGENCY	DEAN, ANTHONY	2,034	0	0	9,974	12,008	1,118	13,126	9.31%	TRAD
100527-033	No	NASA GODDARD SPACEFLIGHT CENTER	LANDAETA, RAFAEL	2,038	0	0	5,700	7,738	0	7,738	0.00%	TRAD
100708-010	15%	NATIONAL SCIENCE FOUNDATION	LANDAETA, RAFAEL	5,886	0	0	17,275	23,161	3,237	26,398	13.98%	TRAD
100720-010	49%	OFFICE OF NAVAL RESEARCH	LANDAETA, RAFAEL	24,817	16,653	0	0	41,470	42,324	83,794	102.06%	TRAD
300447-010	No	UNIVERSITY OF VIRGINIA	LANDAETA, RAFAEL	9,155	(1,578)	0	53,546	61,123	2,425	63,548	3.97%	TRAD
300447-011	No	UNIVERSITY OF VIRGINIA	LANDAETA, RAFAEL	0	0	0	5,400	5,400	0	5,400	0.00%	TRAD
300485-010	20%	SOUTH DAKOTA SCHOOL OF MINES & TECHNOLOGY	STUART, BEN	3,079	243	0	0	3,322	1,826	5,148	54.97%	TRAD
		TOTAL DEAN, BATTEN COLLEGE OF ENGINEERING & TECHNOLOGY		**100,210**	**32,651**	**0**	**129,617**	**262,478**	**110,035**	**372,513**	**41.92%**	
DEPARTMENT OF CIVIL & ENVIRONMENTAL ENGINEERING												
100876-010	25%	NATIONAL SCIENCE FOUNDATION	CETIN, MECIT	8,373	137	0	771	9,281	4,681	13,962	50.44%	TRAD
200316-010	25%	VA TRANSPORTATION RESEARCH COUNCIL	CETIN, MECIT	12,841	24	0	0	12,865	3,345	16,210	26.00%	TRAD
200317-010	50%	VA TRANSPORTATION RESEARCH COUNCIL	CETIN, MECIT	25,457	0	0	0	25,457	6,619	32,076	26.00%	TRAD
200321-010	30%	VA TRANSPORTATION RESEARCH COUNCIL	CETIN, MECIT	12,997	622	0	0	13,619	3,541	17,160	26.00%	TRAD
300511-010	55%	GEORGE MASON UNIVERSITY	CETIN, MECIT	12,846	0	0	0	12,846	3,340	16,186	26.00%	TRAD
500382-010	40%	LEIDOS	CETIN, MECIT	0	0	0	919	919	506	1,425	55.06%	TRAD
600226-010	No	KOREA ATOMIC ENERGY RESEARCH INSTITUTE	CHAE, YUNBYEONG	6,975	0	0	5,254	12,229	6,726	18,955	55.00%	TRAD
300030-016	20%	UNIVERSITY OF VIRGINIA	ERTEN-UNAL, MUJDE	2,970	2,787	0	0	5,757	0	5,757	0.00%	TRAD
300494-010	70%	HAMPTON UNIVERSITY	ERTEN-UNAL, MUJDE	5,130	224	0	0	5,354	2,945	8,299	55.01%	TRAD
200325-010	30%	VA TRANSPORTATION RESEARCH COUNCIL	ISHAK, SHERIF	9,427	0	0	0	9,427	2,451	11,878	26.00%	TRAD
100836-010	No	NATIONAL RENEWABLE ENERGY LABORATORY	KUMAR, SANDEEP	16,159	2,436	0	0	18,595	0	18,595	0.00%	TRAD
100847-010	50%	NATIONAL SCIENCE FOUNDATION	KUMAR, SANDEEP	0	3,720	0	1,154	4,874	2,046	6,920	41.98%	TRAD
100860-010	No	NATIONAL SCIENCE FOUNDATION	KUMAR, SANDEEP	502	0	0	0	502	276	778	54.98%	TRAD
100867-010	No	SANDIA NATIONAL LABORATORIES	KUMAR, SANDEEP	20,959	390	0	0	21,349	0	21,349	0.00%	TRAD
300142-010	20%	OLD DOMINION UNIVERSITY	KUMAR, SANDEEP	0	0	0	(90)	(90)	0	(90)	0.00%	TRAD
300485-010	80%	SOUTH DAKOTA SCHOOL OF MINES & TECHNOLOGY	KUMAR, SANDEEP	12,312	970	0	0	13,282	7,305	20,587	55.00%	TRAD
300533-010	No	MONTANA STATE UNIVERSITY NORTHERN	KUMAR, SANDEEP	10,391	1,838	0	0	12,229	5,241	17,470	42.86%	TRAD
300662-010	40%	OLD DOMINION UNIVERSITY	KUMAR, SANDEEP	260	0	0	0	260	10	270	3.85%	TRAD
600228-010	No	NATIONAL RESEARCH COUNCIL CANADA	KUMAR, SANDEEP	364	1,248	0	0	1,612	0	1,612	0.00%	TRAD
300572-010	20%	OLD DOMINION UNIVERSITY	MA, GANGFENG	1,176	0	0	0	1,176	0	1,176	0.00%	TRAD
200304-010	No	HAMPTON ROADS SANITATION DISTRICT COMMISSION	SCHAFRAN, GARY	55,005	47,911	239,275	0	342,191	25,729	367,920	7.52%	TRAD
200304-020	No	HAMPTON ROADS SANITATION DISTRICT COMMISSION	SCHAFRAN, GARY	55,382	20,801	17,610	19,936	113,729	19,046	132,775	16.75%	TRAD
300662-010	30%	OLD DOMINION UNIVERSITY	SCHAFRAN, GARY	195	0	0	0	195	8	203	4.10%	TRAD
500408-010	No	HAZEN AND SAWYER, P.C.	SCHAFRAN, GARY	23,563	930	0	4,078	28,571	6,124	34,695	21.43%	TRAD
500441-011	No	DEWBERRY	SCHAFRAN, GARY	7,432	3,395	0	0	10,827	2,707	13,534	25.00%	TRAD
100876-010	15%	NATIONAL SCIENCE FOUNDATION	TAHVILDARI, NAVID	5,024	82	0	462	5,568	2,809	8,377	50.45%	TRAD
100876-012	No	NATIONAL SCIENCE FOUNDATION	TAHVILDARI, NAVID	21,070	0	0	0	21,070	11,588	32,658	55.00%	TRAD
300617-010	No	VA INSTITUTE OF MARINE SCIENCE	TAHVILDARI, NAVID	17,036	1,017	0	0	18,053	0	18,053	0.00%	TRAD
400413-010	No	JEFFRESS RESEARCH GRANTS PROGRAM	TAHVILDARI, NAVID	43,517	975	0	0	44,492	0	44,492	0.00%	TRAD
500408-011	No	HAZEN AND SAWYER, P.C.	TAHVILDARI, NAVID	21,591	552	0	0	22,143	5,536	27,679	25.00%	TRAD
500441-010	No	DEWBERRY	TAHVILDARI, NAVID	23,329	1,347	0	0	24,676	6,169	30,845	25.00%	TRAD
100653-010	No	NATIONAL SCIENCE FOUNDATION	WANG, XIXI	0	1,126	18	12,500	13,644	293	13,937	2.15%	TRAD
200328-010	No	CITY OF VIRGINIA BEACH	WANG, XIXI	11,377	0	0	0	11,377	2,958	14,335	26.00%	TRAD
200316-010	45%	VA TRANSPORTATION RESEARCH COUNCIL	XIE, KUN	23,113	44	0	0	23,157	6,021	29,178	26.00%	TRAD
200317-010	25%	VA TRANSPORTATION RESEARCH COUNCIL	XIE, KUN	12,728	0	0	0	12,728	3,309	16,037	26.00%	TRAD
200325-010	30%	VA TRANSPORTATION RESEARCH COUNCIL	XIE, KUN	9,427	0	0	0	9,427	2,451	11,878	26.00%	TRAD

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200338-010	50%	VA DEPARTMENT OF TRANSPORTATION	XIE, KUN	4,295	0	0	0	4,295	1,117	5,412	26.01%	TRAD
400466-010	50%	NATIONAL ACADEMY OF SCIENCES (NAS)	XIE, KUN	2,901	0	0	0	2,901	1,596	4,497	55.02%	TRAD
300662-010	30%	OLD DOMINION UNIVERSITY	YOON, JAEWAN	195	0	0	0	195	8	203	4.10%	TRAD
		TOTAL DEPARTMENT OF CIVIL & ENVIRONMENTAL ENGINEERING		**496,319**	**92,576**	**256,903**	**44,984**	**890,782**	**146,501**	**1,037,283**	**16.45%**	
DEPARTMENT OF ELECTRICAL & COMPUTER ENGINEERING												
400102-010	No	JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	BAUMGART, HELMUT	0	0	0	(6,593)	(6,593)	0	(6,593)	0.00%	TRAD
500420-010	No	GREAT LAKES SYSTEMS AND TECHNOLOGY	BELFORE, LEE	10,861	2,439	9,637	0	22,937	7,315	30,252	31.89%	TRAD
300474-010	No	OLD DOMINION UNIVERSITY	BULYSHEVA, ANNA	0	1,128	0	0	1,128	338	1,466	29.96%	CBE
300487-010	No	OLD DOMINION UNIVERSITY	BULYSHEVA, ANNA	0	27,796	0	16,660	44,456	8,339	52,795	18.76%	CBE
500359-010	No	ATRICURE, INC	BULYSHEVA, ANNA	0	3,259	0	0	3,259	1,793	5,052	55.02%	CBE
500381-010	No	LIFENET	BULYSHEVA, ANNA	0	31,063	0	15,000	46,063	9,319	55,382	20.23%	CBE
500417-010	No	EMBODY	BULYSHEVA, ANNA	29,476	10,051	16,796	0	56,323	21,739	78,062	38.60%	CBE
100820-010	No	U.S. DEPARTMENT OF ENERGY	DHALI, SHIRSHAK	14,965	11,586	0	0	26,551	14,603	41,154	55.00%	TRAD
500426-010	33%	DURO WORKFORCE	DHALI, SHIRSHAK	14,103	0	0	75	14,178	3,687	17,865	26.01%	TRAD
100720-021	No	OFFICE OF NAVAL RESEARCH	ELSAYED-ALI, HANI	889	958	19,862	0	21,709	0	21,709	0.00%	TRAD
400345-010	No	NATIONAL INSTITUTE OF AEROSPACE ASSOCIATES (NIA)	GONZALEZ, OSCAR	37,655	197	0	7,057	44,909	9,841	54,750	21.91%	TRAD
400345-020	No	NATIONAL INSTITUTE OF AEROSPACE ASSOCIATES (NIA)	GONZALEZ, OSCAR	14,920	0	0	646	15,566	3,879	19,445	24.92%	TRAD
100737-010	No	NATIONAL SCIENCE FOUNDATION	GRAY, WILLIAM	9,688	549	0	2,434	12,671	5,631	18,302	44.44%	TRAD
100594-010	No	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	IFTEKHARUDDIN, KHAN	14,065	4,845	0	14,520	33,430	10,401	43,831	31.11%	TRAD
100594-030	No	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	IFTEKHARUDDIN, KHAN	0	0	0	2,617	2,617	0	2,617	0.00%	TRAD
100594-040	No	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	IFTEKHARUDDIN, KHAN	60,473	13,707	0	0	74,180	40,800	114,980	55.00%	TRAD
100648-010	25%	NATIONAL SCIENCE FOUNDATION	IFTEKHARUDDIN, KHAN	0	93	0	1,475	1,568	51	1,619	3.25%	TRAD
100659-010	No	ARMY CONTRACTING COMMAND	IFTEKHARUDDIN, KHAN	46,385	9,630	0	312	56,327	30,808	87,135	54.69%	TRAD
100666-020	No	NATIONAL SCIENCE FOUNDATION	IFTEKHARUDDIN, KHAN	0	0	0	39,181	39,181	0	39,181	0.00%	TRAD
100720-017	No	OFFICE OF NAVAL RESEARCH	IFTEKHARUDDIN, KHAN	4,180	2,829	8,920	3,606	19,535	0	19,535	0.00%	TRAD
100838-010	50%	NATIONAL SCIENCE FOUNDATION	IFTEKHARUDDIN, KHAN	0	1,713	0	8,400	10,113	943	11,056	9.32%	TRAD
100876-010	35%	NATIONAL SCIENCE FOUNDATION	IFTEKHARUDDIN, KHAN	11,723	192	0	1,079	12,994	6,553	19,547	50.43%	TRAD
300623-010	30%	HOWARD UNIVERSITY	IFTEKHARUDDIN, KHAN	16,095	0	0	0	16,095	8,852	24,947	55.00%	TRAD
400346-044	No	JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	IFTEKHARUDDIN, KHAN	17,611	0	0	0	17,611	0	17,611	0.00%	TRAD
100648-010	25%	NATIONAL SCIENCE FOUNDATION	LI, JIANG	0	93	0	1,475	1,568	51	1,619	3.25%	TRAD
500312-030	No	APPLIED RESEARCH LLC	LI, JIANG	16,515	2,299	0	2,079	20,893	10,348	31,241	49.53%	TRAD
500431-010	No	APPLIED RESEARCH LLC	LI, JIANG	9,968	0	0	3,147	13,115	6,821	19,936	52.01%	TRAD
300428-010	50%	COLORADO SCHOOL OF MINES	MARSILLAC, SYLVAIN	0	0	(3,969)	0	(3,969)	0	(3,969)	0.00%	TRAD
300436-010	50%	COLORADO SCHOOL OF MINES	MARSILLAC, SYLVAIN	3,622	10,527	0	0	14,149	7,782	21,931	55.00%	TRAD
400468-010	50%	JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	MARSILLAC, SYLVAIN	7,813	0	0	0	7,813	4,297	12,110	55.00%	TRAD
100846-012	25%	LANGLEY RESEARCH CENTER	POPESCU, DIMITRIE	0	0	2,500	0	2,500	0	2,500	0.00%	TRAD
100846-013	60%	LANGLEY RESEARCH CENTER	POPESCU, DIMITRIE	0	2,033	0	0	2,033	0	2,033	0.00%	TRAD
100720-024	No	OFFICE OF NAVAL RESEARCH	VAHALA, LINDA	0	12,467	0	0	12,467	0	12,467	0.00%	TRAD
100891-010	No	OFFICE OF NAVAL RESEARCH	VAHALA, LINDA	0	6,029	5,898	0	11,927	3,316	15,243	27.80%	TRAD
300567-010	15%	OLD DOMINION UNIVERSITY	VAHALA, LINDA	14,412	3,188	0	8,272	25,872	1,408	27,280	5.44%	TRAD
500413-010	No	SEMICYBER, LLC	VAHALA, LINDA	0	0	0	10	10	6	16	60.00%	TRAD
500424-010	No	SEMICYBER, LLC	VAHALA, LINDA	15,004	0	0	272	15,276	9,930	25,206	65.00%	TRAD
		TOTAL DEPARTMENT OF ELECTRICAL & COMPUTER ENGINEERING		**370,423**	**158,671**	**59,644**	**121,724**	**710,462**	**228,851**	**939,313**	**32.21%**	
DEPARTMENT OF ELECTRICAL & COMPUTER ENGINEERING - APPLIED RESEARCH CENTER (ARC)												
300196-010	No	UNIVERSITY OF MARYLAND	BAUMGART, HELMUT	0	0	0	(3,779)	(3,779)	0	(3,779)	0.00%	ARC
400346-026	No	JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	BAUMGART, HELMUT	27,610	0	0	0	27,610	0	27,610	0.00%	ARC
400346-028	No	JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	BAUMGART, HELMUT	22,223	0	0	0	22,223	0	22,223	0.00%	ARC
400346-043	No	JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	BAUMGART, HELMUT	28,218	0	0	0	28,218	0	28,218	0.00%	ARC
100567-020	No	LANGLEY RESEARCH CENTER	ELSAYED-ALI, HANI	1,719	0	0	0	1,719	447	2,166	26.00%	ARC
100674-010	No	NATIONAL SCIENCE FOUNDATION	ELSAYED-ALI, HANI	53,874	6,666	0	0	60,540	33,297	93,837	55.00%	ARC
100886-010	No	FERMI NATIONAL ACCELERATOR LABORATORY	ELSAYED-ALI, HANI	0	0	31,900	0	31,900	0	31,900	0.00%	ARC

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PROJECT NUMBER	SPLIT	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	STIPENDS, SUBCONTRACTS, TUITION, OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	ENTERPRISE CODE
300608-010	No	ELIZABETH CITY STATE UNIVERSITY	ELSAYED-ALI, HANI	8,986	0	0	0	8,986	4,942	13,928	55.00%	ARC
400346-011	No	JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	ELSAYED-ALI, HANI	27,618	19,675	21,440	0	68,733	0	68,733	0.00%	ARC
400346-048	No	JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	ELSAYED-ALI, HANI	22,798	0	0	0	22,798	0	22,798	0.00%	ARC
400434-010	No	JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	ELSAYED-ALI, HANI	0	733	0	57	790	0	790	0.00%	ARC
500361-010	No	BLACK LABORATORIES, LLC	ELSAYED-ALI, HANI	0	2,245	0	0	2,245	1,235	3,480	55.01%	ARC
500374-010	No	II-VI INFARED, INC.	ELSAYED-ALI, HANI	0	0	0	4,254	4,254	1,106	5,360	26.00%	ARC
500378-010	No	FACE CONSTRUCTION TECHNOLOGIES	ELSAYED-ALI, HANI	8,978	245	0	0	9,223	5,073	14,296	55.00%	ARC
500405-010	No	MTEQ MANUFACTURING SERVICES	ELSAYED-ALI, HANI	0	0	0	248	248	0	248	0.00%	ARC
500415-010	No	QINETIQ (MTEQ)	ELSAYED-ALI, HANI	0	(2,817)	0	0	(2,817)	0	(2,817)	0.00%	ARC
500415-020	No	QINETIQ (MTEQ)	ELSAYED-ALI, HANI	0	27,300	0	0	27,300	0	27,300	0.00%	ARC
500428-010	No	MIL-SPEC ABRASIVES, LLC	ELSAYED-ALI, HANI	0	0	0	500	500	275	775	55.00%	ARC
500432-010	No	BNNT, LLC	ELSAYED-ALI, HANI	0	375	0	0	375	206	581	54.93%	ARC
500438-010	No	LIFENET	ELSAYED-ALI, HANI	0	484	0	0	484	266	750	54.96%	ARC
500439-010	No	EMBODY	ELSAYED-ALI, HANI	0	475	0	0	475	261	736	54.95%	ARC
B73308-100	No	UNITECH	ELSAYED-ALI, HANI	0	0	0	(1,428)	(1,428)	0	(1,428)	0.00%	ARC
300428-010	50%	COLORADO SCHOOL OF MINES	MARSILLAC, SYLVAIN	0	0	(3,969)	0	(3,969)	0	(3,969)	0.00%	ARC
300436-010	50%	COLORADO SCHOOL OF MINES	MARSILLAC, SYLVAIN	3,622	10,527	0	0	14,149	7,782	21,931	55.00%	ARC
400468-010	50%	JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	MARSILLAC, SYLVAIN	7,813	0	0	0	7,813	4,297	12,110	55.00%	ARC
300392-010	No	NORFOLK STATE UNIVERSITY	NAMKOONG, GON	4,201	1,036	0	0	5,237	2,880	8,117	54.99%	ARC
600211-010	No	SAMIL TECH COMPANY, LTD	NAMKOONG, GON	2,021	34	0	0	2,055	0	2,055	0.00%	ARC
TOTAL DEPARTMENT OF ELECTRICAL & COMPUTER ENGINEERING - APPLIED RESEARCH CENTER (ARC)				**219,681**	**66,978**	**49,371**	**(148)**	**335,882**	**62,067**	**397,949**	**18.48%**	
DEPARTMENT OF ELECTRICAL & COMPUTER ENGINEERING - CENTER FOR CYBERSECURITY (CYBER)												
100612-010	No	NATIONAL SCIENCE FOUNDATION	WU, HONGYI	6,600	884	0	1,454	8,938	4,116	13,054	46.05%	CYBER
100709-010	20%	NATIONAL SCIENCE FOUNDATION	WU, HONGYI	3,490	1,000	0	29,331	33,821	2,470	36,291	7.30%	CYBER
100723-010	34%	NATIONAL SCIENCE FOUNDATION	WU, HONGYI	23,096	1,763	0	272	25,131	13,672	38,803	54.40%	CYBER
100745-010	25%	NATIONAL SCIENCE FOUNDATION	WU, HONGYI	2,478	0	0	0	2,478	1,363	3,841	55.00%	CYBER
100791-010	34%	OFFICE OF NAVAL RESEARCH	WU, HONGYI	0	0	0	52	52	0	52	0.00%	CYBER
100814-010	35%	NATIONAL SCIENCE FOUNDATION	WU, HONGYI	22,360	12,728	0	0	35,088	19,299	54,387	55.00%	CYBER
100856-010	20%	NATIONAL SCIENCE FOUNDATION	WU, HONGYI	6,103	0	0	1,500	7,603	3,356	10,959	44.14%	CYBER
100892-010	10%	NATIONAL SCIENCE FOUNDATION	WU, HONGYI	2,430	0	0	0	2,430	1,337	3,767	55.02%	CYBER
100896-010	20%	NATIONAL SECURITY AGENCY	WU, HONGYI	1,684	66	0	0	1,750	962	2,712	54.97%	CYBER
300567-010	15%	OLD DOMINION UNIVERSITY	WU, HONGYI	14,412	3,188	0	8,272	25,872	1,408	27,280	5.44%	CYBER
300594-010	20%	OLD DOMINION UNIVERSITY	WU, HONGYI	5,235	277	0	0	5,512	3,031	8,543	54.99%	CYBER
300623-010	30%	HOWARD UNIVERSITY	WU, HONGYI	16,095	0	0	0	16,095	8,852	24,947	55.00%	CYBER
600230-010	No	NATO	WU, HONGYI	4,485	0	0	0	4,485	2,467	6,952	55.01%	CYBER
100648-010	25%	NATIONAL SCIENCE FOUNDATION	XIN, CHUNSHENG	0	93	0	1,475	1,568	51	1,619	3.25%	CYBER
100680-010	No	NATIONAL SCIENCE FOUNDATION	XIN, CHUNSHENG	8,271	(56)	0	1	8,216	4,518	12,734	54.99%	CYBER
100709-010	40%	NATIONAL SCIENCE FOUNDATION	XIN, CHUNSHENG	6,981	2,000	0	58,661	67,642	4,939	72,581	7.30%	CYBER
100745-010	25%	NATIONAL SCIENCE FOUNDATION	XIN, CHUNSHENG	2,478	0	0	0	2,478	1,363	3,841	55.00%	CYBER
100791-010	33%	OFFICE OF NAVAL RESEARCH	XIN, CHUNSHENG	0	0	0	51	51	0	51	0.00%	CYBER
100838-010	50%	NATIONAL SCIENCE FOUNDATION	XIN, CHUNSHENG	0	1,713	0	8,400	10,113	943	11,056	9.32%	CYBER
100839-010	33%	OFFICE OF NAVAL RESEARCH	XIN, CHUNSHENG	15,600	0	0	3,120	18,720	8,580	27,300	45.83%	CYBER
100856-010	20%	NATIONAL SCIENCE FOUNDATION	XIN, CHUNSHENG	6,103	0	0	1,500	7,603	3,356	10,959	44.14%	CYBER
100880-010	25%	NATIONAL SECURITY AGENCY	XIN, CHUNSHENG	2,034	0	0	9,974	12,008	1,118	13,126	9.31%	CYBER
100892-010	10%	NATIONAL SCIENCE FOUNDATION	XIN, CHUNSHENG	2,430	0	0	0	2,430	1,337	3,767	55.02%	CYBER
100896-010	30%	NATIONAL SECURITY AGENCY	XIN, CHUNSHENG	2,525	98	0	0	2,623	1,443	4,066	55.01%	CYBER
300594-010	30%	OLD DOMINION UNIVERSITY	XIN, CHUNSHENG	7,853	415	0	0	8,268	4,547	12,815	55.00%	CYBER
TOTAL DEPARTMENT OF ELECTRICAL & COMPUTER ENGINEERING - CENTER FOR CYBERSECURITY (CYBER)				**162,743**	**24,169**	**0**	**124,063**	**310,975**	**94,528**	**405,503**	**30.40%**	
DEPARTMENT OF ELECTRICAL & COMPUTER ENGINEERING - FRANK REIDY RESEARCH CENTER FOR BIOELECTRICS (CBE)												
100661-010	No	AIR FORCE RESEARCH LABORATORY	JIANG, CHUNQI	67,339	4,995	0	1,032	73,366	39,784	113,150	54.23%	CBE
100732-010	30%	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	JIANG, CHUNQI	9,673	513	0	0	10,186	5,602	15,788	55.00%	CBE

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100740-010	50%	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	JIANG, CHUNQI	(424)	0	0	0	(424)	(233)	(657)	54.95%	CBE
300595-010	No	UNIVERSITY OF SOUTH FLORIDA	JIANG, CHUNQI	51,363	4,457	0	986	56,806	30,700	87,506	54.04%	CBE
500328-010	No	TRANSIENT PLASMA SYSTEMS, INC.	JIANG, CHUNQI	0	0	0	0	0	(171)	(171)	0.00%	CBE
100548-010	5%	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	XIAO, SHU	(133)	45	0	0	(88)	(48)	(136)	54.55%	CBE
300345-011	No	OLD DOMINION UNIVERSITY	XIAO, SHU	84,279	12,281	46,865	8,521	151,946	53,108	205,054	34.95%	CBE
500226-011	85%	PULSE BIOSCIENCES (ELECTROBLATE)	XIAO, SHU	0	0	0	(95)	(95)	(52)	(147)	54.74%	CBE
TOTAL DEPARTMENT OF ELECTRICAL & COMPUTER ENGINEERING - FRANK REIDY RESEARCH CENTER FOR BIOELECTRICS (CBE)				**212,097**	**22,291**	**46,865**	**10,444**	**291,697**	**128,690**	**420,387**	**44.12%**	
DEPARTMENT OF MECHANICAL & AEROSPACE ENGINEERING												
100720-018	No	OFFICE OF NAVAL RESEARCH	ALBERTS, THOMAS	2,717	769	0	0	3,486	0	3,486	0.00%	TRAD
100720-022	No	OFFICE OF NAVAL RESEARCH	ALBERTS, THOMAS	13,990	3,812	0	0	17,802	0	17,802	0.00%	TRAD
300030-016	5%	UNIVERSITY OF VIRGINIA	ALBERTS, THOMAS	742	697	0	0	1,439	0	1,439	0.00%	TRAD
100527-035	25%	NASA GODDARD SPACEFLIGHT CENTER	ASH, ROBERT	1,326	651	0	0	1,977	0	1,977	0.00%	TRAD
100846-011	25%	LANGLEY RESEARCH CENTER	ASH, ROBERT	152	35	0	0	187	0	187	0.00%	TRAD
100827-010	No	NATIONAL SCIENCE FOUNDATION	ASUNDI, SHARANABASAWESHWARA	20,574	1,042	0	0	21,616	11,889	33,505	55.00%	TRAD
100846-012	75%	LANGLEY RESEARCH CENTER	ASUNDI, SHARANABASAWESHWARA	0	0	7,500	0	7,500	0	7,500	0.00%	TRAD
100846-013	20%	LANGLEY RESEARCH CENTER	ASUNDI, SHARANABASAWESHWARA	0	678	0	0	678	0	678	0.00%	TRAD
100738-010	15%	NATIONAL SCIENCE FOUNDATION	BAWAB, SEBASTIAN	6,899	1,777	0	14,009	22,685	4,772	27,457	21.04%	TRAD
400271-009	No	NATIONAL INSTITUTE OF AEROSPACE ASSOCIATES (NIA)	BAWAB, SEBASTIAN	12,831	39	0	0	12,870	780	13,650	6.06%	TRAD
400311-010	26%	CHILDREN'S HEATH FOUNDATION, INC.	BAWAB, SEBASTIAN	16,115	1,440	0	962	18,517	0	18,517	0.00%	TRAD
400271-008	No	NATIONAL INSTITUTE OF AEROSPACE ASSOCIATES (NIA)	BAYSAL, OKTAY	57,785	2,000	0	0	59,785	21,122	80,907	35.33%	TRAD
400271-005	No	NATIONAL INSTITUTE OF AEROSPACE ASSOCIATES (NIA)	BRITCHER, COLIN	16,287	4,341	0	2,373	23,001	5,363	28,364	23.32%	TRAD
400271-011	No	NATIONAL INSTITUTE OF AEROSPACE ASSOCIATES (NIA)	BRITCHER, COLIN	29,718	1,005	0	3,816	34,539	7,988	42,527	23.13%	TRAD
400348-010	No	NATIONAL INSTITUTE OF AEROSPACE ASSOCIATES (NIA)	BRITCHER, COLIN	12,176	0	0	0	12,176	3,166	15,342	26.00%	TRAD
400348-020	No	NATIONAL INSTITUTE OF AEROSPACE ASSOCIATES (NIA)	BRITCHER, COLIN	76,200	0	0	0	76,200	19,812	96,012	26.00%	TRAD
100720-019	No	OFFICE OF NAVAL RESEARCH	GHOSH, DIPANKAR	0	1,913	0	0	1,913	0	1,913	0.00%	TRAD
100738-010	25%	NATIONAL SCIENCE FOUNDATION	GHOSH, DIPANKAR	11,500	2,961	0	23,348	37,809	7,953	45,762	21.03%	TRAD
100748-010	No	NATIONAL SCIENCE FOUNDATION	GHOSH, DIPANKAR	15,781	529	0	8,087	24,397	8,971	33,368	36.77%	TRAD
100748-020	No	NATIONAL SCIENCE FOUNDATION	GHOSH, DIPANKAR	0	0	0	610	610	0	610	0.00%	TRAD
400415-010	55%	JEFFRESS RESEARCH GRANTS PROGRAM	GHOSH, DIPANKAR	32,513	4,570	0	2,468	39,551	0	39,551	0.00%	TRAD
100813-010	70%	NATIONAL SCIENCE FOUNDATION	HAO, JULIE	23,819	1,283	0	0	25,102	13,807	38,909	55.00%	TRAD
400391-010	10%	CHILDREN'S HOSPITAL OF THE KING'S DAUGHTERS	HAO, JULIE	1,433	0	0	0	1,433	0	1,433	0.00%	TRAD
100738-010	15%	NATIONAL SCIENCE FOUNDATION	HOU, GENE	6,899	1,777	0	14,009	22,685	4,772	27,457	21.04%	TRAD
100736-010	10%	NATIONAL SCIENCE FOUNDATION	KAIPA, KRISHNANAND	8,827	411	0	127	9,365	5,081	14,446	54.26%	TRAD
100816-010	14%	NATIONAL SCIENCE FOUNDATION	KAIPA, KRISHNANAND	28,127	6,906	0	77	35,110	19,267	54,377	54.88%	TRAD
300546-010	No	UNIVERSITY OF CINCINNATI	KAIPA, KRISHNANAND	70,055	0	0	0	70,055	38,530	108,585	55.00%	TRAD
100738-010	25%	NATIONAL SCIENCE FOUNDATION	KRAVCHENKO, OLEKSANDR	11,500	2,961	0	23,348	37,809	7,953	45,762	21.03%	TRAD
500414-010	No	JOHNS MANVILLE	KRAVCHENKO, OLEKSANDR	811	0	0	10,024	10,835	2,817	13,652	26.00%	TRAD
300556-013	No	VA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY	LANDMAN, DREW	7,843	0	0	0	7,843	0	7,843	0.00%	TRAD
400203-008	No	NATIONAL INSTITUTE OF AEROSPACE ASSOCIATES (NIA)	LANDMAN, DREW	20,635	0	0	0	20,635	5,365	26,000	26.00%	TRAD
500436-010	No	AEROVIRONMENT	LANDMAN, DREW	2,051	0	0	0	2,051	1,128	3,179	55.00%	TRAD
500440-010	No	AEROVIRONMENT	LANDMAN, DREW	5,624	0	0	0	5,624	3,094	8,718	55.01%	TRAD
100560-020	No	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	MARUTHAMUTHU, VENKAT	30,380	14,665	0	8,687	53,732	24,775	78,507	46.11%	TRAD
400391-010	90%	CHILDREN'S HOSPITAL OF THE KING'S DAUGHTERS	MCKENZIE, FREDERIC	12,895	0	0	0	12,895	0	12,895	0.00%	TRAD
100821-010	No	OAK RIDGE NATIONAL LABORATORY	QIAN, SHIZHI	568	(53)	0	0	515	134	649	26.02%	TRAD
300634-010	No	VIRGINIA COMMONWEALTH UNIVERSITY	QIAN, SHIZHI	21,755	12,046	0	3,173	36,974	11,092	48,066	30.00%	TRAD
400415-010	45%	JEFFRESS RESEARCH GRANTS PROGRAM	QIAN, SHIZHI	26,601	3,739	0	2,020	32,360	0	32,360	0.00%	TRAD
100527-035	25%	NASA GODDARD SPACEFLIGHT CENTER	RINGLEB, STACIE	1,326	651	0	0	1,977	0	1,977	0.00%	TRAD
100736-010	25%	NATIONAL SCIENCE FOUNDATION	RINGLEB, STACIE	22,067	1,028	0	317	23,412	12,702	36,114	54.25%	TRAD
100816-010	17%	NATIONAL SCIENCE FOUNDATION	RINGLEB, STACIE	34,154	8,385	0	93	42,632	23,397	66,029	54.88%	TRAD
100846-011	25%	LANGLEY RESEARCH CENTER	RINGLEB, STACIE	152	35	0	0	187	0	187	0.00%	TRAD
400311-010	30%	CHILDREN'S HEATH FOUNDATION, INC.	RINGLEB, STACIE	18,593	1,661	0	1,110	21,364	0	21,364	0.00%	TRAD
400481-010	No	AMERICAN SOCIETY OF BIOMECHANICS	RINGLEB, STACIE	0	57	0	0	57	0	57	0.00%	TRAD

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PROJECT NUMBER	SPLIT	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	STIPENDS, SUBCONTRACTS, TUITION, OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	ENTERPRISE CODE
500407-020	No	VR REHAB, INC.	RINGLEB, STACIE	18,687	0	0	1,760	20,447	6,727	27,174	32.90%	TRAD
100532-010	70%	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	WRIGGERS, WILLY	9,807	895	0	0	10,702	5,886	16,588	55.00%	TRAD
100882-010	67%	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	WRIGGERS, WILLY	53,014	12,672	0	1,229	66,915	36,127	103,042	53.99%	TRAD
100720-015	No	OFFICE OF NAVAL RESEARCH	XU, TIAN-BING	2,430	3,750	0	0	6,180	0	6,180	0.00%	TRAD
100720-020	No	OFFICE OF NAVAL RESEARCH	XU, TIAN-BING	17,434	593	9,599	0	27,626	0	27,626	0.00%	TRAD
500412-010	No	POLYK TECHNOLOGIES, LLC	XU, TIAN-BING	0	0	0	1,257	1,257	691	1,948	54.97%	TRAD
500418-010	No	LYNNTECH, INC.	XU, TIAN-BING	0	0	0	3,981	3,981	2,588	6,569	65.01%	TRAD
500437-010	No	POLYK TECHNOLOGIES, LLC	XU, TIAN-BING	8,575	8,706	0	0	17,281	9,504	26,785	55.00%	TRAD
100847-010	50%	NATIONAL SCIENCE FOUNDATION	ZHANG, XIAOYU	0	3,720	0	1,154	4,874	2,046	6,920	41.98%	TRAD
		TOTAL DEPARTMENT OF MECHANICAL & AEROSPACE ENGINEERING		**793,368**	**114,147**	**17,099**	**128,039**	**1,052,653**	**329,299**	**1,381,952**	**31.28%**	
DEPARTMENT OF MECHANICAL & AEROSPACE ENGINEERING - APPLIED RESEARCH CENTER (ARC)												
300591-010	No	VIRGINIA STATE UNIVERSITY	ELMUSTAFA, ABDELMAGEED	27,423	4,898	0	11,088	43,409	8,403	51,812	19.36%	ARC
		TOTAL DEPARTMENT OF MECHANICAL & AEROSPACE ENGINEERING - APPLIED RESEARCH CENTER (ARC)		**27,423**	**4,898**	**0**	**11,088**	**43,409**	**8,403**	**51,812**	**19.36%**	
DEPARTMENT OF ENGINEERING TECHNOLOGY												
100736-010	10%	NATIONAL SCIENCE FOUNDATION	AYALA, ORLANDO	8,827	411	0	127	9,365	5,081	14,446	54.26%	TRAD
100816-010	14%	NATIONAL SCIENCE FOUNDATION	AYALA, ORLANDO	28,127	6,906	0	77	35,110	19,267	54,377	54.88%	TRAD
400335-010	No	ACS PETROLEUM RESEARCH FOUNDATION	AYALA, ORLANDO	17,454	340	0	0	17,794	0	17,794	0.00%	TRAD
500426-010	34%	DURO WORKFORCE	CHITIKESHI, SANJEEVI	14,530	0	0	78	14,608	3,799	18,407	26.01%	TRAD
100825-010	No	NATIONAL SCIENCE FOUNDATION	CONSIDINE, CAROL	13,144	26,641	0	0	39,785	10,344	50,129	26.00%	TRAD
300030-016	5%	UNIVERSITY OF VIRGINIA	CONSIDINE, CAROL	742	697	0	0	1,439	0	1,439	0.00%	TRAD
300492-010	33%	OLD DOMINION UNIVERSITY	CONSIDINE, CAROL	0	0	0	182	182	0	182	0.00%	TRAD
300494-010	30%	HAMPTON UNIVERSITY	CONSIDINE, CAROL	2,198	96	0	0	2,294	1,262	3,556	55.01%	TRAD
100527-032	No	NASA GODDARD SPACEFLIGHT CENTER	EISAZADEH, HAMID	7,688	774	0	0	8,462	0	8,462	0.00%	TRAD
100720-025	No	OFFICE OF NAVAL RESEARCH	EISAZADEH, HAMID	4,001	22	0	0	4,023	0	4,023	0.00%	TRAD
100873-010	33%	NATIONAL SCIENCE FOUNDATION	HU, BIN	7,515	83	0	1,131	8,729	4,179	12,908	47.87%	TRAD
100708-010	20%	NATIONAL SCIENCE FOUNDATION	JOVANOVIC, VUKICA	7,848	0	0	23,034	30,882	4,316	35,198	13.98%	TRAD
300030-016	35%	UNIVERSITY OF VIRGINIA	JOVANOVIC, VUKICA	5,197	4,877	0	0	10,074	0	10,074	0.00%	TRAD
300567-010	20%	OLD DOMINION UNIVERSITY	JOVANOVIC, VUKICA	19,216	4,251	0	11,029	34,496	1,878	36,374	5.44%	TRAD
500426-010	33%	DURO WORKFORCE	JOVANOVIC, VUKICA	14,103	0	0	75	14,178	3,687	17,865	26.01%	TRAD
600233-010	No	SEOUL NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY	JUNG, YOUNGHAN	10,580	67	0	5,191	15,838	6,335	22,173	40.00%	TRAD
300030-016	5%	UNIVERSITY OF VIRGINIA	KUZLU, MURAT	742	697	0	0	1,439	0	1,439	0.00%	TRAD
300567-010	20%	OLD DOMINION UNIVERSITY	KUZLU, MURAT	19,216	4,251	0	11,029	34,496	1,878	36,374	5.44%	TRAD
100846-013	20%	LANGLEY RESEARCH CENTER	POPESCU, OTILIA	0	678	0	0	678	0	678	0.00%	TRAD
300030-016	5%	UNIVERSITY OF VIRGINIA	POPESCU, OTILIA	742	697	0	0	1,439	0	1,439	0.00%	TRAD
300567-010	15%	OLD DOMINION UNIVERSITY	POPESCU, OTILIA	14,412	3,188	0	8,272	25,872	1,408	27,280	5.44%	TRAD
400385-010	No	METAL BUILIDING MANUFACTURERS ASSOCIATION (MBMA)	SEEK, MICHAEL	2,483	0	0	1,474	3,957	2,177	6,134	55.02%	TRAD
		TOTAL DEPARTMENT OF ENGINEERING TECHNOLOGY		**198,765**	**54,676**	**0**	**61,699**	**315,140**	**65,611**	**380,751**	**20.82%**	
DEPARTMENT OF ENGINEERING MANAGEMENT & SYSTEMS ENGINEERING												
100790-010	42%	NAVAL SEA SYSTEMS COMMAND	COLLINS, ANDREW	41,927	162	0	0	42,089	27,358	69,447	65.00%	TRAD
100790-011	45%	NAVAL SEA SYSTEMS COMMAND	COLLINS, ANDREW	42,099	35	0	(225)	41,909	27,388	69,297	65.35%	TRAD
100790-010	10%	NAVAL SEA SYSTEMS COMMAND	COTTER, TEDDY	9,983	39	0	0	10,022	6,514	16,536	65.00%	TRAD
100790-011	5%	NAVAL SEA SYSTEMS COMMAND	COTTER, TEDDY	4,678	4	0	(25)	4,657	3,043	7,700	65.34%	TRAD
100854-010	25%	OFFICE OF THE SECRETARY OF DEFENSE	GHEORGHE, ADRIAN	13,482	0	0	0	13,482	7,416	20,898	55.01%	TRAD
300539-010	No	NORTH CAROLINA AGRICULTURAL AND TECHNICAL UNIV	HANDLEY, HOLLY	8,635	0	0	0	8,635	4,749	13,384	55.00%	TRAD
500423-010	50%	VOLVO TECHNOLOGY OF AMERICA, INC.	HANDLEY, HOLLY	4,851	0	0	1,679	6,530	3,592	10,122	55.01%	TRAD
600231-010	No	NATO	HANDLEY, HOLLY	12,858	0	0	45	12,903	7,097	20,000	55.00%	TRAD
100790-011	10%	NAVAL SEA SYSTEMS COMMAND	HUANG, JINGWEI	9,356	8	0	(50)	9,314	6,086	15,400	65.34%	TRAD
400192-000	No	PRIVATE SPONSORS	KEATING, CHARLES	0	724	0	0	724	0	724	0.00%	TRAD
100854-010	25%	OFFICE OF THE SECRETARY OF DEFENSE	KESKIN, OMER	13,482	0	0	0	13,482	7,416	20,898	55.01%	TRAD
100736-010	20%	NATIONAL SCIENCE FOUNDATION	PAZOS-LAGO, PILAR	17,653	822	0	253	18,728	10,162	28,890	54.26%	TRAD

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PROJECT NUMBER	SPLIT	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	STIPENDS, SUBCONTRACTS, TUITION, OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	ENTERPRISE CODE
100816-010	17%	NATIONAL SCIENCE FOUNDATION	PAZOS-LAGO, PILAR	34,154	8,385	0	93	42,632	23,397	66,029	54.88%	TRAD
100741-010	No	OFFICE OF NAVAL RESEARCH	PINTO, CESAR	0	0	0	5,517	5,517	3,034	8,551	54.99%	TRAD
400463-010	No	SPENCER EDUCATION FOUNDATION	PINTO, CESAR	11,191	0	0	0	11,191	0	11,191	0.00%	TRAD
600225-010	20%	NATO	PINTO, CESAR	0	0	0	962	962	529	1,491	54.99%	TRAD
600187-010	No	QATAR UNIVERSITY	RABADI, GHAITH	0	0	0	(1,130)	(1,130)	0	(1,130)	0.00%	TRAD
100854-010	25%	OFFICE OF THE SECRETARY OF DEFENSE	SABZ ALI POUR, FARINAZ	13,482	0	0	0	13,482	7,416	20,898	55.01%	TRAD
100708-010	20%	NATIONAL SCIENCE FOUNDATION	SIBSON, KIMBERLY	7,848	0	0	23,034	30,882	4,316	35,198	13.98%	TRAD
100854-010	25%	OFFICE OF THE SECRETARY OF DEFENSE	TATAR, UNAL	13,482	0	0	0	13,482	7,416	20,898	55.01%	TRAD
		TOTAL DEPARTMENT OF ENGINEERING MANAGEMENT & SYSTEMS ENGINEERING		**259,161**	**10,179**	**0**	**30,153**	**299,493**	**156,929**	**456,422**	**52.40%**	
DEPARTMENT OF COMPUTATIONAL MODELING & SIMULATION ENGINEERING												
400311-010	44%	CHILDREN'S HEATH FOUNDATION, INC.	AUDETTE, MICHEL	27,270	2,436	0	1,628	31,334	0	31,334	0.00%	TRAD
400332-010	46%	ALZHEIMER'S ASSOCIATION	AUDETTE, MICHEL	12,348	1,332	0	0	13,680	1,368	15,048	10.00%	TRAD
100790-010	10%	NAVAL SEA SYSTEMS COMMAND	LEATHRUM, JAMES	9,983	39	0	0	10,022	6,514	16,536	65.00%	TRAD
100790-011	5%	NAVAL SEA SYSTEMS COMMAND	LEATHRUM, JAMES	4,678	4	0	(25)	4,657	3,043	7,700	65.34%	TRAD
100720-016	No	OFFICE OF NAVAL RESEARCH	SHEN, YUZHONG	0	2,335	0	0	2,335	0	2,335	0.00%	TRAD
200321-010	30%	VA TRANSPORTATION RESEARCH COUNCIL	SHEN, YUZHONG	12,997	622	0	0	13,619	3,541	17,160	26.00%	TRAD
300668-004	No	OLD DOMINION UNIVERSITY	SHEN, YUZHONG	4,020	0	0	0	4,020	0	4,020	0.00%	TRAD
400332-010	27%	ALZHEIMER'S ASSOCIATION	SHEN, YUZHONG	7,248	782	0	0	8,030	803	8,833	10.00%	TRAD
500445-010	45%	LEIDOS	SHEN, YUZHONG	6,032	0	0	0	6,032	3,318	9,350	55.01%	TRAD
100695-010	No	AMES RESEARCH LABS	SOSONKINA, MASHA	88,136	655	0	0	88,791	48,835	137,626	55.00%	TRAD
100723-010	33%	NATIONAL SCIENCE FOUNDATION	SOSONKINA, MASHA	22,417	1,711	0	264	24,392	13,271	37,663	54.41%	TRAD
100797-010	No	AMES RESEARCH LABS	SOSONKINA, MASHA	52,417	0	0	0	52,417	28,829	81,246	55.00%	TRAD
200316-010	30%	VA TRANSPORTATION RESEARCH COUNCIL	YANG, HONG	15,409	29	0	0	15,438	4,014	19,452	26.00%	TRAD
200317-010	25%	VA TRANSPORTATION RESEARCH COUNCIL	YANG, HONG	12,728	0	0	0	12,728	3,309	16,037	26.00%	TRAD
200318-010	No	VA TRANSPORTATION RESEARCH COUNCIL	YANG, HONG	16,382	0	0	0	16,382	4,259	20,641	26.00%	TRAD
200320-010	No	VA TRANSPORTATION RESEARCH COUNCIL	YANG, HONG	28,692	0	0	3,076	31,768	7,460	39,228	23.48%	TRAD
200321-010	40%	VA TRANSPORTATION RESEARCH COUNCIL	YANG, HONG	17,329	829	0	0	18,158	4,720	22,878	25.99%	TRAD
200325-010	40%	VA TRANSPORTATION RESEARCH COUNCIL	YANG, HONG	12,570	0	0	0	12,570	3,268	15,838	26.00%	TRAD
200338-010	50%	VA DEPARTMENT OF TRANSPORTATION	YANG, HONG	4,295	0	0	0	4,295	1,117	5,412	26.01%	TRAD
300511-010	45%	GEORGE MASON UNIVERSITY	YANG, HONG	10,511	0	0	0	10,511	2,733	13,244	26.00%	TRAD
400466-010	50%	NATIONAL ACADEMY OF SCIENCES (NAS)	YANG, HONG	2,901	0	0	0	2,901	1,596	4,497	55.02%	TRAD
500382-010	60%	LEIDOS	YANG, HONG	0	0	0	1,379	1,379	759	2,138	55.04%	TRAD
500445-010	55%	LEIDOS	YANG, HONG	7,373	0	0	0	7,373	4,055	11,428	55.00%	TRAD
		TOTAL DEPARTMENT OF COMPUTATIONAL MODELING & SIMULATION ENGINEERING		**375,736**	**10,774**	**0**	**6,322**	**392,832**	**146,812**	**539,644**	**37.37%**	
DEPARTMENT OF COMPUTATIONAL MODELING & SIMULATION ENGINEERING - VIRGINIA MODELING AND SIMULATION CENTER (VMASC)												
200329-010	No	CENTER FOR INNOVATIVE TECHNOLOGY	SHETTY, SACHIN	32,281	0	0	0	32,281	9,684	41,965	30.00%	VMASC
300388-010	No	NORFOLK STATE UNIVERSITY	SHETTY, SACHIN	226,193	5,594	0	29,074	260,861	127,483	388,344	48.87%	VMASC
300390-010	No	UNIVERSITY OF ILLINOIS (ALL CAMPUSES)	SHETTY, SACHIN	15,078	11,406	0	0	26,484	14,566	41,050	55.00%	VMASC
300390-020	No	UNIVERSITY OF ILLINOIS (ALL CAMPUSES)	SHETTY, SACHIN	36,678	0	0	1,221	37,899	20,173	58,072	53.23%	VMASC
300390-030	No	UNIVERSITY OF ILLINOIS (ALL CAMPUSES)	SHETTY, SACHIN	20,708	5,409	0	0	26,117	14,365	40,482	55.00%	VMASC
300390-040	No	UNIVERSITY OF ILLINOIS (ALL CAMPUSES)	SHETTY, SACHIN	43,389	150	0	9,266	52,805	23,947	76,752	45.35%	VMASC
300514-010	No	UNIVERSITY OF ILLINOIS (ALL CAMPUSES)	SHETTY, SACHIN	(662)	0	0	0	(662)	(364)	(1,026)	54.98%	VMASC
300542-010	No	OLD DOMINION UNIVERSITY	SHETTY, SACHIN	10,649	17,774	0	0	28,423	15,633	44,056	55.00%	VMASC
300609-010	No	UNIVERSITY OF ILLINOIS (ALL CAMPUSES)	SHETTY, SACHIN	50,518	0	0	0	50,518	27,785	78,303	55.00%	VMASC
300623-010	40%	HOWARD UNIVERSITY	SHETTY, SACHIN	21,460	0	0	0	21,460	11,803	33,263	55.00%	VMASC
300656-010	60%	OLD DOMINION UNIVERSITY	SHETTY, SACHIN	1,712	0	0	0	1,712	0	1,712	0.00%	VMASC
300657-010	5%	OLD DOMINION UNIVERSITY	SHETTY, SACHIN	293	0	0	0	293	0	293	0.00%	VMASC
300663-010	No	OLD DOMINION UNIVERSITY	SHETTY, SACHIN	4,151	0	0	0	4,151	0	4,151	0.00%	VMASC
300667-010	No	VA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY	SHETTY, SACHIN	11,202	0	0	0	11,202	6,161	17,363	55.00%	VMASC
400358-010	No	SENTARA HEALTHCARE	SHETTY, SACHIN	127,993	35,541	0	13,705	177,239	97,480	274,719	55.00%	VMASC
400424-010	No	ELECTRIC POWER RESEARCH INSTITUTE	SHETTY, SACHIN	3,042	0	0	1,652	4,694	1,673	6,367	35.64%	VMASC

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400446-010	No	MITRE CORPORATION	SHETTY, SACHIN	54,475	0	0	693	55,168	29,961	85,129	54.31%	VMASC
400475-010	No	VA TECH ARC	SHETTY, SACHIN	13,021	759	0	0	13,780	0	13,780	0.00%	VMASC
500403-010	No	FRONTIER TECHNOLOGY INC.	SHETTY, SACHIN	217,234	(1,576)	0	0	215,658	140,178	355,836	65.00%	VMASC
500434-001	30%	CIRCADENCE	SHETTY, SACHIN	25,555	0	0	0	25,555	16,611	42,166	65.00%	VMASC
TOTAL DEPARTMENT OF COMPUTATIONAL MODELING & SIMULATION ENGINEERING - VIRGINIA MODELING AND SIMULATION CENTER (VMASC)				**914,970**	**75,057**	**0**	**55,611**	**1,045,638**	**557,139**	**1,602,777**	**53.28%**	
TOTAL BATTEN COLLEGE OF ENGINEERING & TECHNOLOGY				**4,130,896**	**667,067**	**429,882**	**723,596**	**5,951,441**	**2,034,865**	**7,986,306**	**34.19%**	

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COLLEGE OF HEALTH SCIENCES												
SCHOOL OF COMMUNITY & ENVIRONMENTAL HEALTH												
200310-010	25%	SUFFOLK PUBLIC SCHOOLS	AKPINAR-ELCI, MUGE	681	0	0	149	830	0	830	0.00%	TRAD
200326-010	25%	SUFFOLK PUBLIC SCHOOLS	AKPINAR-ELCI, MUGE	1,219	0	0	0	1,219	317	1,536	26.00%	TRAD
300566-011	10%	UNIVERSITY OF VIRGINIA	AKPINAR-ELCI, MUGE	2,527	0	0	0	2,527	657	3,184	26.00%	TRAD
300566-012	10%	UNIVERSITY OF VIRGINIA	AKPINAR-ELCI, MUGE	3,161	0	0	0	3,161	822	3,983	26.00%	TRAD
300605-010	50%	OLD DOMINION UNIVERSITY	AKPINAR-ELCI, MUGE	6,559	0	0	0	6,559	0	6,559	0.00%	TRAD
100527-031	No	NASA GODDARD SPACEFLIGHT CENTER	BANAEE, SEAN	9,494	0	0	0	9,494	0	9,494	0.00%	TRAD
300576-010	No	JOHNS-HOPKINS UNIVERSITY	BANAEE, SEAN	1,179	3,895	0	0	5,074	406	5,480	8.00%	TRAD
100446-010	No	CENTERS FOR DISEASE CONTROL AND PREVENTION (DHHS)	BLANDO, JAMES	0	0	0	(333)	(333)	0	(333)	0.00%	TRAD
400414-010	No	VIRGINIA ACADEMY OF SCIENCE	GALADIMA, HADIZA	1,363	0	0	188	1,551	0	1,551	0.00%	TRAD
400467-010	No	ROBERT WOOD JOHNSON FOUNDATION	HOGLUND, LESLIE	0	0	0	15,000	15,000	0	15,000	0.00%	TRAD
300647-010	No	OLD DOMINION UNIVERSITY	JENG, ANNA	9,993	0	0	0	9,993	0	9,993	0.00%	TRAD
200310-010	75%	SUFFOLK PUBLIC SCHOOLS	KEKEH, MICHELE	2,043	0	0	446	2,489	0	2,489	0.00%	TRAD
200326-010	75%	SUFFOLK PUBLIC SCHOOLS	KEKEH, MICHELE	3,656	0	0	0	3,656	951	4,607	26.01%	TRAD
300566-011	15%	UNIVERSITY OF VIRGINIA	KEKEH, MICHELE	3,791	0	0	0	3,791	986	4,777	26.01%	TRAD
300566-012	20%	UNIVERSITY OF VIRGINIA	KEKEH, MICHELE	6,322	0	0	0	6,322	1,644	7,966	26.00%	TRAD
300605-010	50%	OLD DOMINION UNIVERSITY	KEKEH, MICHELE	6,559	0	0	0	6,559	0	6,559	0.00%	TRAD
100733-010	No	U.S. DEPARTMENT OF AGRICULTURE	ZHANG, QI (HARRY)	6,219	2,000	0	0	8,219	822	9,041	10.00%	TRAD
300535-010	50%	DUKE UNIVERSITY	ZHANG, QI (HARRY)	9,646	(45)	0	0	9,601	1,152	10,753	12.00%	TRAD
300535-011	50%	DUKE UNIVERSITY	ZHANG, QI (HARRY)	0	7,340	0	0	7,340	294	7,634	4.01%	TRAD
300551-010	No	TUFTS UNIVERSITY	ZHANG, QI (HARRY)	16,172	100	0	0	16,272	8,949	25,221	55.00%	TRAD
300616-010	50%	DUKE UNIVERSITY	ZHANG, QI (HARRY)	9,348	1,091	0	0	10,439	1,253	11,692	12.00%	TRAD
		TOTAL SCHOOL OF COMMUNITY & ENVIRONMENTAL HEALTH		**99,932**	**14,381**	**0**	**15,450**	**129,763**	**18,253**	**148,016**	**14.07%**	
SCHOOL OF DENTAL HYGIENE												
400453-010	50%	AMERICAN DENTAL HYGIENE ASSOCIATION	BRUHN, ANN	742	175	0	0	917	0	917	0.00%	TRAD
400453-010	50%	AMERICAN DENTAL HYGIENE ASSOCIATION	CLAIBORNE, DENISE	742	175	0	0	917	0	917	0.00%	TRAD
300349-011	40%	EASTERN VIRGINIA MEDICAL SCHOOL	STULL, SHARON	1,999	0	0	0	1,999	160	2,159	8.00%	TRAD
400454-010	No	AMERICAN DENTAL HYGIENE ASSOCIATION	SUEDBECK, JESSICA	0	3,500	0	0	3,500	0	3,500	0.00%	TRAD
		TOTAL SCHOOL OF DENTAL HYGIENE		**3,483**	**3,850**	**0**	**0**	**7,333**	**160**	**7,493**	**2.18%**	
SCHOOL OF NURSING												
100669-040	No	U.S. PUBLIC HEALTH SERVICE (HEALTH RESOURCES AND SERVICES ADMINISTRATION - HRSA)	APATOV, NATHANIEL	0	0	0	16,307	16,307	0	16,307	0.00%	TRAD
100857-010	5%	U.S. PUBLIC HEALTH SERVICE (HEALTH RESOURCES AND SERVICES ADMINISTRATION - HRSA)	BIRKHOLZ, LORRI	15,529	243	0	0	15,772	1,262	17,034	8.00%	TRAD
100857-010	5%	U.S. PUBLIC HEALTH SERVICE (HEALTH RESOURCES AND SERVICES ADMINISTRATION - HRSA)	CARTAGENA, DIANA	15,529	243	0	0	15,772	1,262	17,034	8.00%	TRAD
100670-020	50%	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	GUSTIN, TINA	353	12,386	0	0	12,739	1,019	13,758	8.00%	TRAD
100670-021	50%	U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	GUSTIN, TINA	846	15,514	0	0	16,360	1,309	17,669	8.00%	TRAD
100689-030	7%	U.S. PUBLIC HEALTH SERVICE (HEALTH RESOURCES AND SERVICES ADMINISTRATION - HRSA)	GUSTIN, TINA	3,245	0	0	2,142	5,387	260	5,647	4.83%	TRAD
100689-040	7%	U.S. PUBLIC HEALTH SERVICE (HEALTH RESOURCES AND SERVICES ADMINISTRATION - HRSA)	GUSTIN, TINA	7,366	321	0	13,064	20,751	615	21,366	2.96%	TRAD
100857-010	30%	U.S. PUBLIC HEALTH SERVICE (HEALTH RESOURCES AND SERVICES ADMINISTRATION - HRSA)	GUSTIN, TINA	93,176	1,454	0	0	94,630	7,570	102,200	8.00%	TRAD
300544-020	No	OLD DOMINION UNIVERSITY	GUSTIN, TINA	6,158	0	0	0	6,158	1,970	8,128	31.99%	TRAD
300556-012	No	VA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY	GUSTIN, TINA	39,505	0	0	0	39,505	0	39,505	0.00%	TRAD
300586-010	50%	LOYOLA UNIVERSITY (CHICAGO)	GUSTIN, TINA	0	11,509	0	0	11,509	921	12,430	8.00%	TRAD
100811-010	20%	U.S. PUBLIC HEALTH SERVICE (HEALTH RESOURCES AND SERVICES ADMINISTRATION - HRSA)	HAWKINS, JANICE	2,736	(3,290)	0	2,391	1,837	(44)	1,793	-2.40%	TRAD
100811-020	20%	U.S. PUBLIC HEALTH SERVICE (HEALTH RESOURCES AND SERVICES ADMINISTRATION - HRSA)	HAWKINS, JANICE	65,604	6,118	969	16,345	89,036	5,738	94,774	6.44%	TRAD
100859-010	15%	U.S. PUBLIC HEALTH SERVICE (HEALTH RESOURCES AND SERVICES ADMINISTRATION - HRSA)	HAWKINS, JANICE	0	672	6,040	2,760	9,472	54	9,526	0.57%	TRAD
100670-020	10%*	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	HIGGINS, KAREN	0	82	0	0	82	7	89	8.54%	TRAD
100811-010	15%	U.S. PUBLIC HEALTH SERVICE (HEALTH RESOURCES AND SERVICES ADMINISTRATION - HRSA)	HIGGINS, KAREN	2,052	(2,467)	0	1,793	1,378	(33)	1,345	-2.39%	TRAD
100811-020	15%	U.S. PUBLIC HEALTH SERVICE (HEALTH RESOURCES AND SERVICES ADMINISTRATION - HRSA)	HIGGINS, KAREN	49,203	4,589	727	12,258	66,777	4,303	71,080	6.44%	TRAD
100857-010	5%	U.S. PUBLIC HEALTH SERVICE (HEALTH RESOURCES AND SERVICES ADMINISTRATION - HRSA)	HIGGINS, KAREN	15,529	243	0	0	15,772	1,262	17,034	8.00%	TRAD
100859-010	15%	U.S. PUBLIC HEALTH SERVICE (HEALTH RESOURCES AND SERVICES ADMINISTRATION - HRSA)	HIGGINS, KAREN	0	672	6,040	2,760	9,472	54	9,526	0.57%	TRAD

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100811-010	20%	U.S. PUBLIC HEALTH SERVICE (HEALTH RESOURCES AND SERVICES ADMINISTRATION - HRSA)	MARTIN, JAMELA	2,736	(3,290)	0	2,391	1,837	(44)	1,793	-2.40%	TRAD
100811-020	20%	U.S. PUBLIC HEALTH SERVICE (HEALTH RESOURCES AND SERVICES ADMINISTRATION - HRSA)	MARTIN, JAMELA	65,604	6,118	969	16,345	89,036	5,738	94,774	6.44%	TRAD
100859-010	25%	U.S. PUBLIC HEALTH SERVICE (HEALTH RESOURCES AND SERVICES ADMINISTRATION - HRSA)	MARTIN, JAMELA	0	1,120	10,068	4,600	15,788	90	15,878	0.57%	TRAD
100670-020	15%*	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	NESBITT, CHRISTIANNE	0	123	0	0	123	10	133	8.13%	TRAD
100689-030	10%	U.S. PUBLIC HEALTH SERVICE (HEALTH RESOURCES AND SERVICES ADMINISTRATION - HRSA)	NESBITT, CHRISTIANNE	4,635	0	0	3,060	7,695	371	8,066	4.82%	TRAD
100689-040	10%	U.S. PUBLIC HEALTH SERVICE (HEALTH RESOURCES AND SERVICES ADMINISTRATION - HRSA)	NESBITT, CHRISTIANNE	10,524	459	0	18,662	29,645	879	30,524	2.97%	TRAD
100857-010	5%	U.S. PUBLIC HEALTH SERVICE (HEALTH RESOURCES AND SERVICES ADMINISTRATION - HRSA)	NESBITT, CHRISTIANNE	15,529	243	0	0	15,772	1,262	17,034	8.00%	TRAD
300585-010	25%	EASTERN VIRGINIA MEDICAL SCHOOL	NESBITT, CHRISTIANNE	13,582	60	0	0	13,642	3,547	17,189	26.00%	TRAD
100670-020	15%*	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	POSTON, REBECCA	0	123	0	0	123	10	133	8.13%	TRAD
100670-020	50%	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	RUTLEDGE, CAROLYN	353	12,263	0	0	12,616	1,009	13,625	8.00%	TRAD
100670-021	50%	U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	RUTLEDGE, CAROLYN	846	15,514	0	0	16,360	1,309	17,669	8.00%	TRAD
100819-010	3%	U.S. PUBLIC HEALTH SERVICE (HEALTH RESOURCES AND SERVICES ADMINISTRATION - HRSA)	RUTLEDGE, CAROLYN	1,463	0	0	5,490	6,953	117	7,070	1.68%	TRAD
100857-010	50%	U.S. PUBLIC HEALTH SERVICE (HEALTH RESOURCES AND SERVICES ADMINISTRATION - HRSA)	RUTLEDGE, CAROLYN	155,294	2,423	0	0	157,717	12,617	170,334	8.00%	TRAD
300586-010	50%	LOYOLA UNIVERSITY (CHICAGO)	RUTLEDGE, CAROLYN	0	11,509	0	0	11,509	921	12,430	8.00%	TRAD
100811-010	20%	U.S. PUBLIC HEALTH SERVICE (HEALTH RESOURCES AND SERVICES ADMINISTRATION - HRSA)	TREMBLAY, BETH	2,736	(3,290)	0	2,391	1,837	(44)	1,793	-2.40%	TRAD
100811-020	20%	U.S. PUBLIC HEALTH SERVICE (HEALTH RESOURCES AND SERVICES ADMINISTRATION - HRSA)	TREMBLAY, BETH	65,604	6,118	969	16,345	89,036	5,738	94,774	6.44%	TRAD
100859-010	15%	U.S. PUBLIC HEALTH SERVICE (HEALTH RESOURCES AND SERVICES ADMINISTRATION - HRSA)	TREMBLAY, BETH	0	672	6,040	2,760	9,472	54	9,526	0.57%	TRAD
100811-010	25%	U.S. PUBLIC HEALTH SERVICE (HEALTH RESOURCES AND SERVICES ADMINISTRATION - HRSA)	WILES, LYNN	3,420	(4,112)	0	2,989	2,297	(55)	2,242	-2.39%	TRAD
100811-020	25%	U.S. PUBLIC HEALTH SERVICE (HEALTH RESOURCES AND SERVICES ADMINISTRATION - HRSA)	WILES, LYNN	82,005	7,648	1,211	20,431	111,295	7,172	118,467	6.44%	TRAD
100859-010	30%	U.S. PUBLIC HEALTH SERVICE (HEALTH RESOURCES AND SERVICES ADMINISTRATION - HRSA)	WILES, LYNN	0	1,344	12,082	5,520	18,946	108	19,054	0.57%	TRAD
	TOTAL SCHOOL OF NURSING			**741,162**	**103,334**	**45,115**	**170,804**	**1,060,415**	**68,338**	**1,128,753**	**6.44%**	
SCHOOL OF MEDICAL DIAGNOSTIC & TRANSLATIONAL SCIENCES												
100796-010	50%	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	BRUNO, ROBERT	27,006	18,055	0	1,262	46,323	24,783	71,106	53.50%	TRAD
400450-010	No	ASCP FOUNDATION	KRAJ, BARBARA	0	1,002	0	0	1,002	0	1,002	0.00%	TRAD
400461-010	No	COMMONWEALTH TRANSFUSION FOUNDATION	KRAJ, BARBARA	0	24,027	101,238	0	125,265	0	125,265	0.00%	TRAD
300603-010	No	OLD DOMINION UNIVERSITY	RIETHMAN, HAROLD	74,843	0	0	0	74,843	0	74,843	0.00%	TRAD
100796-010	50%	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	SACHS, PATRICK	27,006	18,055	0	1,262	46,323	24,783	71,106	53.50%	TRAD
	TOTAL SCHOOL OF MEDICAL DIAGNOSTIC & TRANSLATIONAL SCIENCES			**128,855**	**61,139**	**101,238**	**2,524**	**293,756**	**49,566**	**343,322**	**16.87%**	
SCHOOL OF MEDICAL DIAGNOSTIC & TRANSLATIONAL SCIENCES - FRANK REIDY RESEARCH CENTER FOR BIOELECTRICS (CBE)												
100789-010	No	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	CATRAVAS, JOHN	22,110	(136)	0	0	21,974	12,086	34,060	55.00%	CBE
100875-010	No	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	CATRAVAS, JOHN	148,409	59,679	0	0	208,088	114,448	322,536	55.00%	CBE
100740-010	50%	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	HELLER, RICHARD	(424)	0	0	0	(424)	(233)	(657)	54.95%	CBE
500226-013	34%	PULSE BIOSCIENCES (ELECTROBLATE)	HELLER, RICHARD	7,420	3,107	0	0	10,527	5,790	16,317	55.00%	CBE
500226-021	50%	PULSE BIOSCIENCES (ELECTROBLATE)	MURATORI, CLAUDIA	6,581	1,066	0	0	7,647	4,206	11,853	55.00%	CBE
100548-010	80%	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	PAKHOMOV, ANDREI	(2,128)	728	0	0	(1,400)	(770)	(2,170)	55.00%	CBE
300345-010	No	OLD DOMINION UNIVERSITY	PAKHOMOV, ANDREI	88,548	9,778	0	45,051	143,377	54,080	197,457	37.72%	CBE
500226-018	80%	PULSE BIOSCIENCES (ELECTROBLATE)	PAKHOMOV, ANDREI	60,478	5,296	8,726	0	74,500	36,176	110,676	48.56%	CBE
	TOTAL SCHOOL OF MEDICAL DIAGNOSTIC & TRANSLATIONAL SCIENCES - FRANK REIDY RESEARCH CENTER FOR BIOELECTRICS (CBE)			**330,994**	**79,518**	**8,726**	**45,051**	**464,289**	**225,783**	**690,072**	**48.63%**	
SCHOOL OF MEDICAL DIAGNOSTIC & TRANSLATIONAL SCIENCES - VIRGINIA MODELING AND SIMULATION CENTER (VMASC)												
500055-010	No	MYMIC LLC	DE LEO, GIANLUCA	0	0	0	(27,653)	(27,653)	0	(27,653)	0.00%	VMASC
	TOTAL SCHOOL OF MEDICAL DIAGNOSTIC & TRANSLATIONAL SCIENCES - VIRGINIA MODELING AND SIMULATION CENTER (VMASC)			**0**	**0**	**0**	**(27,653)**	**(27,653)**	**0**	**(27,653)**	**0.00%**	
SCHOOL OF REHABILITATION SCIENCES												
400451-010	No	NATIONAL ASSOCIATION RESEARCH AND EDUCATION FOUNDATION	CAVALLARIO, JULIE	2,212	2,479	0	0	4,691	704	5,395	15.01%	TRAD
300669-003	No	OLD DOMINION UNIVERSITY	KAKAR, RUMIT	4,849	0	0	0	4,849	0	4,849	0.00%	TRAD
100670-020	15%*	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	KOTT, KAREN	0	123	0	0	123	10	133	8.13%	TRAD
300590-010	No	VIRGINIA COMMONWEALTH UNIVERSITY	LAVERDURE, PATRICIA	16,501	0	0	0	16,501	1,320	17,821	8.00%	TRAD
400332-010	27%	ALZHEIMER'S ASSOCIATION	MORRISON, STEVEN	7,248	782	0	0	8,030	803	8,833	10.00%	TRAD
	TOTAL SCHOOL OF REHABILITATION SCIENCES			**30,810**	**3,384**	**0**	**0**	**34,194**	**2,837**	**37,031**	**8.30%**	
TOTAL COLLEGE OF HEALTH SCIENCES				**1,335,236**	**265,606**	**155,079**	**206,176**	**1,962,097**	**364,937**	**2,327,034**	**18.60%**	

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COLLEGE OF SCIENCES												
DEPARTMENT OF BIOLOGICAL SCIENCES												
100688-010	10%	NATIONAL SCIENCE FOUNDATION	BARSHIS, DANIEL	12,803	20,259	0	23,630	56,692	8,596	65,288	15.16%	TRAD
100715-010	No	NATIONAL SCIENCE FOUNDATION	BARSHIS, DANIEL	61,119	5,893	0	0	67,012	17,423	84,435	26.00%	TRAD
400344-010	No	UNITED STATES-ISRAEL BINATIONAL SCIENCE FOUNDATION	BARSHIS, DANIEL	0	619	0	0	619	93	712	15.02%	TRAD
400390-010	No	PAUL G ALLEN FAMILY FOUNDATION	BARSHIS, DANIEL	850	145	0	0	995	0	995	0.00%	TRAD
400426-010	No	BISHOP MUSEUM	BARSHIS, DANIEL	18,696	689	0	18,252	37,637	5,040	42,677	13.39%	TRAD
400429-010	No	NATIONAL PARK FOUNDATION	BARSHIS, DANIEL	61,941	3,325	0	0	65,266	6,161	71,427	9.44%	TRAD
100603-010	No	NATIONAL SCIENCE FOUNDATION	BARTOL, IAN	9,440	3,188	0	0	12,628	6,946	19,574	55.00%	TRAD
200243-010	No	FLORIDA FISH & WILDLIFE CONSERVATION COMMISSION	BUTLER, MARK	0	3,912	0	0	3,912	0	3,912	0.00%	TRAD
100200-010	No	NATIONAL SCIENCE FOUNDATION	CARPENTER, KENT	0	0	0	(15)	(15)	0	(15)	0.00%	TRAD
100688-010	90%	NATIONAL SCIENCE FOUNDATION	CARPENTER, KENT	115,226	182,330	0	212,664	510,220	77,364	587,584	15.16%	TRAD
300461-010	No	ARIZONA STATE UNIVERSITY	CARPENTER, KENT	0	(133)	0	0	(133)	(73)	(206)	54.89%	TRAD
600185-010	No	INTERNATIONAL UNION FOR CONSERVATION OF NATURE AND NATURAL RESOURCES (IUCN)	CARPENTER, KENT	10,428	1,319	0	0	11,747	3,524	15,271	30.00%	TRAD
600220-010	No	INTERNATIONAL UNION FOR CONSERVATION OF NATURE AND NATURAL RESOURCES (IUCN)	CARPENTER, KENT	5,232	0	0	685	5,917	592	6,509	10.01%	TRAD
600224-010	No	INTERNATIONAL UNION FOR CONSERVATION OF NATURE AND NATURAL RESOURCES (IUCN)	CARPENTER, KENT	160,851	47,097	0	0	207,948	22,874	230,822	11.00%	TRAD
600229-010	No	INTERNATIONAL UNION FOR CONSERVATION OF NATURE AND NATURAL RESOURCES (IUCN)	CARPENTER, KENT	15,347	0	0	0	15,347	1,535	16,882	10.00%	TRAD
300532-010	No	VA INSTITUTE OF MARINE SCIENCE	DAUER, DANIEL	1,296	0	0	0	1,296	0	1,296	0.00%	TRAD
300536-011	No	OLD DOMINION UNIVERSITY	DAUER, DANIEL	3,088	0	0	67,899	70,987	6,716	77,703	9.46%	TRAD
300536-012	No	OLD DOMINION UNIVERSITY	DAUER, DANIEL	2,070	0	0	7,940	10,010	1,001	11,011	10.00%	TRAD
300606-011	No	OLD DOMINION UNIVERSITY	DAUER, DANIEL	197,441	19,063	0	12,078	228,582	20,099	248,681	8.79%	TRAD
300606-012	No	OLD DOMINION UNIVERSITY	DAUER, DANIEL	93,294	0	0	0	93,294	9,329	102,623	10.00%	TRAD
500410-010	No	GEI CONSULTANTS, INC.	DAUER, DANIEL	10,472	576	0	2,561	13,609	7,484	21,093	54.99%	TRAD
100684-010	50%	U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	GAFF, HOLLY	24,958	14,782	0	143,165	182,905	21,856	204,761	11.95%	TRAD
100851-010	No	U.S. DEPARTMENT OF AGRICULTURE	GAFF, HOLLY	21,305	0	0	4,048	25,353	2,131	27,484	8.41%	TRAD
300549-010	No	COLUMBIA UNIVERSITY	GAFF, HOLLY	12,150	0	0	621	12,771	6,683	19,454	52.33%	TRAD
400484-010	No	WASHINGTON BIOLOGISTS' FIELD CLUB	GAFF, HOLLY	0	344	0	0	344	0	344	0.00%	TRAD
600193-010	No	UNIVERSITY OF KWAZULU-NATAL (SOUTH AFRICA)	GAFF, HOLLY	0	0	0	(7,250)	(7,250)	0	(7,250)	0.00%	TRAD
100684-010	15%	U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	GAUTHIER, DAVID	7,488	4,435	0	42,950	54,873	6,557	61,430	11.95%	TRAD
300668-001	No	OLD DOMINION UNIVERSITY	GAUTHIER, DAVID	25	47	0	0	72	0	72	0.00%	TRAD
B50507-100	No	MARYLAND DEPARTMENT OF NATURAL RESOURCES	HOLSINGER, JOHN	0	0	0	(500)	(500)	0	(500)	0.00%	TRAD
200264-010	No	VA DEPARTMENT OF AGRICULTURE	HORTH, LISA	1,479	0	0	0	1,479	0	1,479	0.00%	TRAD
200287-010	No	VA DEPARTMENT OF AGRICULTURE	HORTH, LISA	0	5,259	0	0	5,259	0	5,259	0.00%	TRAD
100684-010	35%	U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	HYNES, WAYNE	17,470	10,347	0	100,216	128,033	15,300	143,333	11.95%	TRAD
100889-010	No	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	KRAJ, PIOTR	0	12,457	0	0	12,457	6,851	19,308	55.00%	TRAD
100671-010	60%	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	NEELAKANTA, GIRISH	60,659	6,580	0	0	67,239	36,981	104,220	55.00%	TRAD
100822-010	50%	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	NEELAKANTA, GIRISH	38,795	4,938	0	0	43,733	24,052	67,785	55.00%	TRAD
100555-010	5%	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	OSGOOD, CHRISTOPHER	1,227	228	0	0	1,455	800	2,255	54.98%	TRAD
100585-010	20%	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	OSGOOD, CHRISTOPHER	2,455	4	0	0	2,459	1,352	3,811	54.98%	TRAD
100858-010	No	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	SHOLLENBERGER, LISA	6,830	12,105	0	0	18,935	10,414	29,349	55.00%	TRAD
100527-036	25%	NASA GODDARD SPACEFLIGHT CENTER	SLOEY, TAYLOR	17	0	0	0	17	0	17	0.00%	TRAD
300669-008	No	OLD DOMINION UNIVERSITY	SLOEY, TAYLOR	2,250	1,000	0	0	3,250	0	3,250	0.00%	TRAD
100460-010	No	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	SULTANA, HAMEEDA	0	0	0	(53)	(53)	(28)	(81)	52.83%	TRAD
100671-010	40%	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	SULTANA, HAMEEDA	40,439	4,387	0	0	44,826	24,655	69,481	55.00%	TRAD
100822-010	50%	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	SULTANA, HAMEEDA	38,795	4,938	0	0	43,733	24,052	67,785	55.00%	TRAD
100724-010	No	NATIONAL SCIENCE FOUNDATION	WALLACE, LISA	1,887	484	0	15,380	17,751	1,305	19,056	7.35%	TRAD
100542-010	No	NATIONAL SCIENCE FOUNDATION	WALTERS, ERIC	21,043	0	0	29,099	50,142	5,471	55,613	10.91%	TRAD
100861-010	No	NATIONAL SCIENCE FOUNDATION	WHITEMAN, JOHN	15,360	2,847	13,081	3,306	34,594	10,014	44,608	28.95%	TRAD
100527-036	25%	NASA GODDARD SPACEFLIGHT CENTER	YANDO, ERIK	17	0	0	0	17	0	17	0.00%	TRAD
		TOTAL DEPARTMENT OF BIOLOGICAL SCIENCES		**1,094,243**	**373,464**	**13,081**	**676,676**	**2,157,464**	**393,150**	**2,550,614**	**18.22%**	
DEPARTMENT OF CHEMISTRY & BIOCHEMISTRY												

SCHEDULE 4

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

SPONSORED PROGRAM ACTIVITY BY INDIVIDUAL PROJECT

(MEASURED BY EXPENDITURES INCURRED)

FOR FISCAL YEAR 2021

PROJECT NUMBER	SPLIT	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	STIPENDS, SUBCONTRACTS, TUITION, OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	ENTERPRISE CODE
100646-010	No	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	BAYSE, CRAIG	65,214	2,731	0	0	67,945	37,370	105,315	55.00%	TRAD
100664-010	60%	NATIONAL SCIENCE FOUNDATION	BAYSE, CRAIG	4,240	494	0	24,309	29,043	2,604	31,647	8.97%	TRAD
300522-010	40%	COLLEGE OF WILLIAM AND MARY	BAYSE, CRAIG	3,749	950	0	0	4,699	2,584	7,283	54.99%	TRAD
100698-010	No	NASA/HEADQUARTERS	BERNATH, PETER	63,270	8,400	0	8,804	80,474	39,419	119,893	48.98%	TRAD
100806-010	No	NASA/HEADQUARTERS	BERNATH, PETER	85,309	6,230	0	8,764	100,303	50,347	150,650	50.19%	TRAD
100842-010	No	NASA/HEADQUARTERS	BERNATH, PETER	29,030	0	0	6,765	35,795	15,967	51,762	44.61%	TRAD
100887-010	No	NASA/HEADQUARTERS	BERNATH, PETER	19,003	6,486	0	0	25,489	14,019	39,508	55.00%	TRAD
300638-010	No	EASTERN VIRGINIA MEDICAL SCHOOL	COOPER, JOHN	26,329	5,218	0	0	31,547	17,351	48,898	55.00%	TRAD
400459-010	No	CONRAD	COOPER, JOHN	9,987	0	0	0	9,987	5,493	15,480	55.00%	TRAD
300536-010	No	OLD DOMINION UNIVERSITY	DONAT, JOHN	13,377	29,494	0	102,843	145,714	8,477	154,191	5.82%	TRAD
300606-010	No	OLD DOMINION UNIVERSITY	DONAT, JOHN	326,787	146,306	0	0	473,093	40,665	513,758	8.60%	TRAD
100627-010	30%	U.S. DEPARTMENT OF AGRICULTURE	GREENE, LESLEY	0	1,514	0	0	1,514	648	2,162	42.80%	TRAD
300466-010	No	UNIVERSITY OF MAINE	HATCHER, PATRICK	6,942	1,583	0	0	8,525	3,653	12,178	42.85%	TRAD
100452-010	No	NATIONAL SCIENCE FOUNDATION	HOLDER, ALVIN	0	0	0	(1,675)	(1,675)	0	(1,675)	0.00%	TRAD
100664-010	40%	NATIONAL SCIENCE FOUNDATION	HOLDER, ALVIN	2,827	329	0	16,206	19,362	1,736	21,098	8.97%	TRAD
100718-010	50%	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	HOLDER, ALVIN	0	0	0	0	0	(2,485)	(2,485)	0.00%	TRAD
100718-030	50%	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	HOLDER, ALVIN	36,973	18,217	0	88,446	143,636	4,415	148,051	3.07%	TRAD
100718-031	50%	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	HOLDER, ALVIN	25,449	4,303	7,754	0	37,506	2,381	39,887	6.35%	TRAD
100718-040	50%	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	HOLDER, ALVIN	0	0	0	2,399	2,399	0	2,399	0.00%	TRAD
100893-010	50%	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	HOLDER, ALVIN	5,801	125	0	5,918	11,844	474	12,318	4.00%	TRAD
300668-003	No	OLD DOMINION UNIVERSITY	LAMBERT, KYLE	0	1,404	0	0	1,404	0	1,404	0.00%	TRAD
100627-010	70%	U.S. DEPARTMENT OF AGRICULTURE	LEE, JAMES	0	3,532	0	0	3,532	1,514	5,046	42.87%	TRAD
300142-010	80%	OLD DOMINION UNIVERSITY	LEE, JAMES	0	0	0	(361)	(361)	0	(361)	0.00%	TRAD
300660-010	70%	OLD DOMINION UNIVERSITY	LEE, JAMES	0	7,064	0	0	7,064	0	7,064	0.00%	TRAD
100681-010	No	NATIONAL SCIENCE FOUNDATION	MAO, JINGDONG	13,342	(1,842)	0	0	11,500	6,325	17,825	55.00%	TRAD
100808-010	No	NATIONAL SCIENCE FOUNDATION	MAO, JINGDONG	18,232	3,550	0	0	21,782	11,980	33,762	55.00%	TRAD
400386-010	No	INTERNATIONAL CENTER FOR DIFFRACTION DATA	PAGOLA, SILVINA	0	517	0	0	517	0	517	0.00%	TRAD
300584-010	No	UNIVERSITY OF CALIFORNIA (ALL CAMPUSES)	PASCAL, STEVEN	17,875	5,906	0	0	23,781	13,079	36,860	55.00%	TRAD
100730-010	No	NATIONAL SCIENCE FOUNDATION	POUTSMA, JENNIFER	7,105	0	0	0	7,105	3,908	11,013	55.00%	TRAD
300522-010	60%	COLLEGE OF WILLIAM AND MARY	PURCELL, ERIN	5,623	1,424	0	0	7,047	3,877	10,924	55.02%	TRAD
100729-010	No	NATIONAL SCIENCE FOUNDATION	WANG, GUIJUN	49,851	9,636	0	1,729	61,216	32,718	93,934	53.45%	TRAD
100865-010	No	NATIONAL SCIENCE FOUNDATION	WANG, GUIJUN	9,639	2,447	0	587	12,673	6,647	19,320	52.45%	TRAD
100490-010	No	NATIONAL SCIENCE FOUNDATION	XU, NANCY	12,273	2,413	0	0	14,686	7,784	22,470	53.00%	TRAD
100555-010	95%	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	XU, NANCY	23,321	4,334	0	0	27,655	15,210	42,865	55.00%	TRAD
100585-010	80%	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	XU, NANCY	9,819	16	0	0	9,835	5,409	15,244	55.00%	TRAD
	TOTAL DEPARTMENT OF CHEMISTRY & BIOCHEMISTRY			**891,367**	**272,781**	**7,754**	**264,734**	**1,436,636**	**353,569**	**1,790,205**	**24.61%**	
DEPARTMENT OF CHEMISTRY & BIOCHEMISTRY - FRANK REIDY RESEARCH CENTER FOR BIOELECTRICS (CBE)												
500226-021	50%	PULSE BIOSCIENCES (ELECTROBLATE)	PURCELL, ERIN	6,581	1,066	0	0	7,647	4,206	11,853	55.00%	CBE
	TOTAL DEPARTMENT OF CHEMISTRY & BIOCHEMISTRY - FRANK REIDY RESEARCH CENTER FOR BIOELECTRICS (CBE)			**6,581**	**1,066**	**0**	**0**	**7,647**	**4,206**	**11,853**	**55.00%**	
DEPARTMENT OF MATHEMATICS & STATISTICS												
100700-010	No	LANGLEY RESEARCH CENTER	BADAVI, FRANCIS	98,841	0	0	0	98,841	25,698	124,539	26.00%	TRAD
300536-014	No	OLD DOMINION UNIVERSITY	CHAGANTY, NARASINGA	4,363	0	0	1,193	5,556	557	6,113	10.03%	TRAD
300606-014	No	OLD DOMINION UNIVERSITY	CHAGANTY, NARASINGA	18,064	0	0	0	18,064	1,807	19,871	10.00%	TRAD
100689-030	10%	U.S. PUBLIC HEALTH SERVICE (HEALTH RESOURCES AND SERVICES ADMINISTRATION - HRSA)	DIAWARA, NOROU	4,635	0	0	3,060	7,695	371	8,066	4.82%	TRAD
100802-010	25%	NATIONAL SCIENCE FOUNDATION	DIAWARA, NOROU	2,007	0	0	0	2,007	1,104	3,111	55.01%	TRAD
200307-010	50%	VA DEPARTMENT OF MOTOR VEHICLES	DIAWARA, NOROU	11,932	12,500	0	21,584	46,016	6,352	52,368	13.80%	TRAD
200336-010	50%	VA DEPARTMENT OF MOTOR VEHICLES	DIAWARA, NOROU	12,213	6,805	0	0	19,018	4,945	23,963	26.00%	TRAD
400203-007	No	NATIONAL INSTITUTE OF AEROSPACE ASSOCIATES (NIA)	HU, FANG	72,266	170	0	0	72,436	18,834	91,270	26.00%	TRAD
400203-009	No	NATIONAL INSTITUTE OF AEROSPACE ASSOCIATES (NIA)	HU, FANG	28,247	0	0	0	28,247	7,344	35,591	26.00%	TRAD
100817-010	No	NATIONAL SCIENCE FOUNDATION	JOO, SOOKYUNG	42,162	0	0	0	42,162	23,190	65,352	55.00%	TRAD
400309-030	No	SIMONS FOUNDATION	JOO, SOOKYUNG	0	1,002	0	0	1,002	167	1,169	16.67%	TRAD

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100665-010	No	NATIONAL SCIENCE FOUNDATION	LUO, LI-SHI	9,910	0	0	0	9,910	5,450	15,360	54.99%	TRAD
400347-011	No	JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	LUO, LI-SHI	77,403	0	0	0	77,403	0	77,403	0.00%	TRAD
300535-010	25%	DUKE UNIVERSITY	PARK, KAYOUNG	4,823	(22)	0	0	4,801	576	5,377	12.00%	TRAD
300535-011	25%	DUKE UNIVERSITY	PARK, KAYOUNG	0	3,670	0	0	3,670	147	3,817	4.01%	TRAD
300616-010	25%	DUKE UNIVERSITY	PARK, KAYOUNG	4,674	546	0	0	5,220	626	5,846	11.99%	TRAD
100862-010	No	NATIONAL SCIENCE FOUNDATION	SHI, KE	11,017	0	0	0	11,017	6,059	17,076	55.00%	TRAD
400423-010	No	SIMONS FOUNDATION	SHI, KE	0	682	0	0	682	136	818	19.94%	TRAD
100815-010	No	NATIONAL SCIENCE FOUNDATION	SONG, GUOHUI	16,399	0	0	0	16,399	9,020	25,419	55.00%	TRAD
100848-010	No	LANGLEY RESEARCH CENTER	TWEED, JOHN	135,340	0	0	0	135,340	35,188	170,528	26.00%	TRAD
100871-010	No	NATIONAL SCIENCE FOUNDATION	XU, XIANG	10,926	0	0	0	10,926	6,009	16,935	55.00%	TRAD
400422-010	No	SIMONS FOUNDATION	XU, XIANG	0	1,148	0	0	1,148	230	1,378	20.03%	TRAD
100812-010	No	NATIONAL SCIENCE FOUNDATION	XU, YUESHENG	25,220	0	0	0	25,220	13,871	39,091	55.00%	TRAD
400346-025	No	JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	XU, YUESHENG	7,581	0	0	0	7,581	0	7,581	0.00%	TRAD
400478-010	No	SOUTHERN UNIVERSITIES RESEARCH ASSOC (SURA)	XU, YUESHENG	0	0	0	1,714	1,714	0	1,714	0.00%	TRAD
100685-010	No	ARMY RESEARCH OFFICE	YAMALEEV, NAIL	6,452	0	0	0	6,452	3,548	10,000	54.99%	TRAD
100564-010	No	NATIONAL SCIENCE FOUNDATION	ZHOU, RUHAI	2,755	73	0	0	2,828	1,555	4,383	54.99%	TRAD
TOTAL DEPARTMENT OF MATHEMATICS & STATISTICS				**607,230**	**26,574**	**0**	**27,551**	**661,355**	**172,784**	**834,139**	**26.13%**	
DEPARTMENT OF OCEAN & EARTH SCIENCES												
100805-010	No	NATIONAL SCIENCE FOUNDATION	BOCHDANSKY, ALEXANDER	25,305	44,402	0	0	69,707	38,286	107,993	54.92%	TRAD
100879-010	No	NATIONAL SCIENCE FOUNDATION	BOCHDANSKY, ALEXANDER	0	0	15,995	0	15,995	0	15,995	0.00%	TRAD
100608-010	50%	NATIONAL SCIENCE FOUNDATION	BURDIGE, DAVID	15,939	424	0	1,285	17,648	8,999	26,647	50.99%	TRAD
100705-010	No	NATIONAL SCIENCE FOUNDATION	BURDIGE, DAVID	51,081	8,088	0	0	59,169	32,543	91,712	55.00%	TRAD
100666-010	No	NATIONAL SCIENCE FOUNDATION	CHAPPELL, PHOEBE	0	0	0	1,658	1,658	0	1,658	0.00%	TRAD
100803-010	No	NATIONAL SCIENCE FOUNDATION	CHAPPELL, PHOEBE	56,426	1,087	0	5,168	62,681	31,633	94,314	50.47%	TRAD
400416-010	No	JEFFRESS RESEARCH GRANTS PROGRAM	CHAPPELL, PHOEBE	22,306	23,037	0	558	45,901	0	45,901	0.00%	TRAD
100870-010	No	NATIONAL SCIENCE FOUNDATION	CLAYTON, SOPHIE	2,609	0	0	0	2,609	835	3,444	32.00%	TRAD
100649-010	No	NATIONAL SCIENCE FOUNDATION	CUTTER, GREGORY	106,617	1,182	0	0	107,799	59,290	167,089	55.00%	TRAD
100677-010	No	NATIONAL SCIENCE FOUNDATION	CUTTER, GREGORY	30,053	7,893	175	9,706	47,827	20,870	68,697	43.64%	TRAD
100868-010	No	NATIONAL SCIENCE FOUNDATION	CUTTER, GREGORY	9,228	0	0	0	9,228	5,075	14,303	55.00%	TRAD
300471-010	50%	VA INSTITUTE OF MARINE SCIENCE	DOBBS, FRED	20,557	91	0	0	20,648	0	20,648	0.00%	TRAD
300633-010	50%	VA INSTITUTE OF MARINE SCIENCE	DOBBS, FRED	24,624	74	0	0	24,698	0	24,698	0.00%	TRAD
200286-010	No	HAMPTON ROADS SANITATION DISTRICT COMMISSION	HALE, RICHARD	0	0	0	4,581	4,581	1,145	5,726	24.99%	TRAD
300668-002	No	OLD DOMINION UNIVERSITY	HALE, RICHARD	545	450	0	0	995	0	995	0.00%	TRAD
100615-010	No	NATIONAL SCIENCE FOUNDATION	HARVEY, H. RODGER	26,197	5,523	0	0	31,720	17,446	49,166	55.00%	TRAD
600198-030	No	STANTEC	HARVEY, H. RODGER	1,622	0	0	0	1,622	892	2,514	54.99%	TRAD
100527-034	33%	NASA GODDARD SPACEFLIGHT CENTER	HILL, VICTORIA	0	0	0	3,300	3,300	0	3,300	0.00%	TRAD
100846-014	No	LANGLEY RESEARCH CENTER	HILL, VICTORIA	5,945	0	0	0	5,945	0	5,945	0.00%	TRAD
300498-010	50%	VA INSTITUTE OF MARINE SCIENCE	HILL, VICTORIA	37,284	3,476	0	1,260	42,020	22,418	64,438	53.35%	TRAD
300556-011	33%	VA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY	HILL, VICTORIA	14,937	1,405	0	575	16,917	0	16,917	0.00%	TRAD
500427-010	33%	NALU SCIENTIFIC	HILL, VICTORIA	3,788	814	0	234	4,836	2,273	7,109	47.00%	TRAD
500443-010	33%	NALU SCIENTIFIC	HILL, VICTORIA	665	0	0	0	665	366	1,031	55.04%	TRAD
100527-036	25%	NASA GODDARD SPACEFLIGHT CENTER	MCLEOD, GEORGE	17	0	0	0	17	0	17	0.00%	TRAD
200332-010	15%	VA DEPARTMENT OF ECONOMIC DEVELOPMENT	MCLEOD, GEORGE	22,212	90	0	0	22,302	2,453	24,755	11.00%	TRAD
100735-010	No	NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION	MULHOLLAND, MARGARET	92,953	4,111	0	6,201	103,265	53,384	156,649	51.70%	TRAD
200303-010	No	HAMPTON ROADS SANITATION DISTRICT COMMISSION	MULHOLLAND, MARGARET	9,394	5,764	0	10,749	25,907	2,030	27,937	7.84%	TRAD
200331-010	No	HAMPTON ROADS SANITATION DISTRICT COMMISSION	MULHOLLAND, MARGARET	83,904	16,554	0	8,322	108,780	10,045	118,825	9.23%	TRAD
300536-013	No	OLD DOMINION UNIVERSITY	MULHOLLAND, MARGARET	3,195	0	0	8,515	11,710	1,172	12,882	10.01%	TRAD
300558-020	No	OLD DOMINION UNIVERSITY	MULHOLLAND, MARGARET	33,497	8,311	0	0	41,808	3,349	45,157	8.01%	TRAD
300606-013	No	OLD DOMINION UNIVERSITY	MULHOLLAND, MARGARET	105,380	8,123	0	0	113,503	11,350	124,853	10.00%	TRAD
100679-010	No	NATIONAL SCIENCE FOUNDATION	SCHMIDT, MATTHEW	3,358	0	0	0	3,358	1,846	5,204	54.97%	TRAD
100712-010	No	NATIONAL SCIENCE FOUNDATION	SCHMIDT, MATTHEW	21,522	975	0	11,870	34,367	12,373	46,740	36.00%	TRAD
100707-010	No	NATIONAL SCIENCE FOUNDATION	SEDWICK, PETER	21,190	0	0	0	21,190	11,655	32,845	55.00%	TRAD

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100742-010	No	NATIONAL SCIENCE FOUNDATION	SEDWICK, PETER	48,290	4,208	0	0	52,498	28,873	81,371	55.00%	TRAD
100899-010	No	NASA/HEADQUARTERS	TAMBORSKI, JOSEPH	0	4,909	0	0	4,909	2,700	7,609	55.00%	TRAD
300669-009	No	OLD DOMINION UNIVERSITY	TAMBORSKI, JOSEPH	1,836	783	0	0	2,619	0	2,619	0.00%	TRAD
100802-010	25%	NATIONAL SCIENCE FOUNDATION	WHITTECAR, RICHARD	2,007	0	0	0	2,007	1,104	3,111	55.01%	TRAD
500318-010	No	WEANACK LAND LIMITED PARTNERS	WHITTECAR, RICHARD	0	0	0	1,535	1,535	399	1,934	25.99%	TRAD
500421-010	No	WEANACK LAND LIMITED PARTNERS	WHITTECAR, RICHARD	6,348	2,402	0	0	8,750	2,275	11,025	26.00%	TRAD
100527-034	33%	NASA GODDARD SPACEFLIGHT CENTER	ZIMMERMAN, RICHARD	0	0	0	3,300	3,300	0	3,300	0.00%	TRAD
100608-010	50%	NATIONAL SCIENCE FOUNDATION	ZIMMERMAN, RICHARD	15,939	424	0	1,285	17,648	8,999	26,647	50.99%	TRAD
300498-010	50%	VA INSTITUTE OF MARINE SCIENCE	ZIMMERMAN, RICHARD	37,284	3,476	0	1,260	42,020	22,418	64,438	53.35%	TRAD
300556-011	33%	VA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY	ZIMMERMAN, RICHARD	14,937	1,405	0	575	16,917	0	16,917	0.00%	TRAD
500427-010	34%	NALU SCIENTIFIC	ZIMMERMAN, RICHARD	3,903	838	0	241	4,982	2,341	7,323	46.99%	TRAD
500443-010	34%	NALU SCIENTIFIC	ZIMMERMAN, RICHARD	685	0	0	0	685	377	1,062	55.04%	TRAD
	TOTAL DEPARTMENT OF OCEAN & EARTH SCIENCES			**983,579**	**160,319**	**16,170**	**82,178**	**1,242,246**	**421,214**	**1,663,460**	**33.91%**	
CENTER FOR COASTAL PHYSICAL OCEANOGRAPHY												
300611-010	No	WOODS HOLE OCEANOGRAPHIC INSTITUTION	DANGENDORF, SONKE	38,451	0	0	8,431	46,882	21,148	68,030	45.11%	TRAD
100598-010	50%	NATIONAL SCIENCE FOUNDATION	DINNIMAN, MICHAEL	4,338	0	0	0	4,338	2,386	6,724	55.00%	TRAD
100686-010	50%	NATIONAL SCIENCE FOUNDATION	DINNIMAN, MICHAEL	27,553	160	0	0	27,713	15,242	42,955	55.00%	TRAD
100747-010	50%	NATIONAL SCIENCE FOUNDATION	DINNIMAN, MICHAEL	19,582	0	0	0	19,582	10,770	30,352	55.00%	TRAD
300589-010	No	UNIVERSITY OF DELAWARE	HAGERMAN, GEORGE	31,472	0	0	0	31,472	17,310	48,782	55.00%	TRAD
100404-010	25%	NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION	HOFMANN, EILEEN	0	0	0	5	5	4	9	80.00%	TRAD
100686-010	50%	NATIONAL SCIENCE FOUNDATION	HOFMANN, EILEEN	27,553	160	0	0	27,713	15,242	42,955	55.00%	TRAD
100735-011	No	NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION	HOFMANN, EILEEN	46,693	0	0	0	46,693	25,681	72,374	55.00%	TRAD
200303-011	95%	HAMPTON ROADS SANITATION DISTRICT COMMISSION	HOFMANN, EILEEN	13,478	0	0	1,607	15,085	1,509	16,594	10.00%	TRAD
200331-011	78%	HAMPTON ROADS SANITATION DISTRICT COMMISSION	HOFMANN, EILEEN	27,234	0	0	0	27,234	2,723	29,957	10.00%	TRAD
300322-010	No	UNIVERSITY OF SOUTHERN MISSISSIPPI	HOFMANN, EILEEN	0	398	0	0	398	211	609	53.02%	TRAD
300554-010	50%	STATE UNIVERSITY OF NEW JERSEY (ALL CAMPUSES)	HOFMANN, EILEEN	11,070	120	0	0	11,190	1,958	13,148	17.50%	TRAD
100404-010	25%	NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION	KLINCK, JOHN	0	0	0	5	5	4	9	80.00%	TRAD
100577-010	No	NATIONAL SCIENCE FOUNDATION	KLINCK, JOHN	6,049	0	0	0	6,049	3,327	9,376	55.00%	TRAD
100598-010	50%	NATIONAL SCIENCE FOUNDATION	KLINCK, JOHN	4,338	0	0	0	4,338	2,386	6,724	55.00%	TRAD
100747-010	50%	NATIONAL SCIENCE FOUNDATION	KLINCK, JOHN	19,582	0	0	0	19,582	10,770	30,352	55.00%	TRAD
200303-011	5%	HAMPTON ROADS SANITATION DISTRICT COMMISSION	KLINCK, JOHN	709	0	0	85	794	79	873	9.95%	TRAD
200331-011	22%	HAMPTON ROADS SANITATION DISTRICT COMMISSION	KLINCK, JOHN	7,682	0	0	0	7,682	768	8,450	10.00%	TRAD
300385-020	No	STATE UNIVERSITY OF NEW JERSEY (ALL CAMPUSES)	KLINCK, JOHN	94,267	33,097	0	490	127,854	70,051	197,905	54.79%	TRAD
300554-010	50%	STATE UNIVERSITY OF NEW JERSEY (ALL CAMPUSES)	KLINCK, JOHN	11,070	120	0	0	11,190	1,958	13,148	17.50%	TRAD
200314-010	No	VA DEPARTMENT OF MINES, MINERALS, AND ENERGY	OLSEN, PAUL	249,600	10,281	0	0	259,881	44,928	304,809	17.29%	TRAD
	TOTAL CENTER FOR COASTAL PHYSICAL OCEANOGRAPHY			**640,721**	**44,336**	**0**	**10,623**	**695,680**	**248,455**	**944,135**	**35.71%**	
DEPARTMENT OF PSYCHOLOGY												
400420-010	50%	AMERICAN PSYCHOLOGICAL FOUNDATION	AMERSON, RACHEL	0	500	0	0	500	0	500	0.00%	TRAD
500072-010	No	ADVANCED ANTI-TERROR TECHNOLOGIES CORPORATION (A2T2)	BLISS, JAMES	0	0	0	(36,948)	(36,948)	0	(36,948)	0.00%	TRAD
100619-010	7%	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	BRAITMAN, ABBY	180	0	0	(2)	178	99	277	55.62%	TRAD
100626-010	No	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	BRAITMAN, ABBY	126,316	6,108	0	0	132,424	10,594	143,018	8.00%	TRAD
100798-010	15%	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	BRAITMAN, ABBY	19,413	5,008	0	600	25,021	13,431	38,452	53.68%	TRAD
100850-010	50%	NATIONAL SCIENCE FOUNDATION	CHEN, JING	5,070	0	0	5,400	10,470	2,788	13,258	26.63%	TRAD
100873-010	34%	NATIONAL SCIENCE FOUNDATION	CHEN, JING	7,743	85	0	1,165	8,993	4,305	13,298	47.87%	TRAD
100876-010	25%	NATIONAL SCIENCE FOUNDATION	CHEN, JING	8,373	137	0	771	9,281	4,681	13,962	50.44%	TRAD
100876-011	No	NATIONAL SCIENCE FOUNDATION	CHEN, JING	16,354	0	0	5,589	21,943	8,995	30,938	40.99%	TRAD
100738-010	20%	NATIONAL SCIENCE FOUNDATION	CIGULAROV, KONSTANTIN	9,200	2,368	0	18,678	30,246	6,363	36,609	21.04%	TRAD
100898-010	No	OFFICE OF NAVAL RESEARCH	CIGULAROV, KONSTANTIN	13,181	0	0	0	13,181	3,427	16,608	26.00%	TRAD
100726-010	60%	U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	GLENN, CATHERINE	173	0	0	0	173	55	228	31.79%	TRAD
100726-020	60%	U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	GLENN, CATHERINE	5,694	3,774	0	0	9,468	3,030	12,498	32.00%	TRAD
100726-030	60%	U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES	GLENN, CATHERINE	25,446	4,267	0	0	29,713	9,509	39,222	32.00%	TRAD

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100551-010	90%	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	HENSON, MATT	33,982	11,706	0	82,662	128,350	24,214	152,564	18.87%	TRAD
100551-010	5%	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	HERON, KRISTIN	1,888	650	0	4,592	7,130	1,346	8,476	18.88%	TRAD
100619-010	25%	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	HERON, KRISTIN	641	0	0	(6)	635	353	988	55.59%	TRAD
100798-010	60%	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	HERON, KRISTIN	77,651	20,032	0	2,400	100,083	53,725	153,808	53.68%	TRAD
100844-010	No	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	HERON, KRISTIN	0	0	0	30,385	30,385	0	30,385	0.00%	TRAD
400421-010	No	AMERICAN PSYCHOLOGICAL FOUNDATION	HERON, KRISTIN	0	0	0	440	440	0	440	0.00%	TRAD
100551-010	5%	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	KELLEY, MICHELLE	1,888	650	0	4,592	7,130	1,346	8,476	18.88%	TRAD
100619-010	4%	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	KELLEY, MICHELLE	103	0	0	(1)	102	56	158	54.90%	TRAD
100881-010	No	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	KELLEY, MICHELLE	52,182	26,565	0	2,000	80,747	43,311	124,058	53.64%	TRAD
100619-010	7%	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	LAU-BARRACO, CATHY	180	0	0	(2)	178	99	277	55.62%	TRAD
100619-010	50%	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	LEWIS, ROBIN	1,282	0	0	(11)	1,271	705	1,976	55.47%	TRAD
100798-010	25%	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	LEWIS, ROBIN	32,354	8,347	0	1,000	41,701	22,386	64,087	53.68%	TRAD
400420-010	50%	AMERICAN PSYCHOLOGICAL FOUNDATION	LEWIS, ROBIN	0	500	0	0	500	0	500	0.00%	TRAD
100673-010	20%	NATIONAL SCIENCE FOUNDATION	MAJOR, DEBRA	4,509	734	0	0	5,243	2,883	8,126	54.99%	TRAD
300615-010	No	LOUISIANA STATE UNIVERSITY	NOELL, GEORGE	15,683	0	0	0	15,683	1,662	17,345	10.60%	TRAD
500078-010	No	SIMQUEST, LLC	SCERBO, MARK	0	0	0	(9,639)	(9,639)	0	(9,639)	0.00%	TRAD
100619-010	7%	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	WINSTEAD, BARBARA	180	0	0	(2)	178	99	277	55.62%	TRAD
100850-010	50%	NATIONAL SCIENCE FOUNDATION	YAMANI, YUSUKE	5,070	0	0	5,400	10,470	2,788	13,258	26.63%	TRAD
200308-010	50%	VA DEPARTMENT OF MOTOR VEHICLES	YAMANI, YUSUKE	6,667	0	0	0	6,667	1,734	8,401	26.01%	TRAD
200335-010	33%	VA DEPARTMENT OF MOTOR VEHICLES	YAMANI, YUSUKE	4,069	1,867	0	0	5,936	1,543	7,479	25.99%	TRAD
300561-010	No	VIRGINIA COMMONWEALTH UNIVERSITY	YAMANI, YUSUKE	6,837	0	0	0	6,837	3,761	10,598	55.01%	TRAD
500423-010	50%	VOLVO TECHNOLOGY OF AMERICA, INC.	YAMANI, YUSUKE	4,851	0	0	1,679	6,530	3,592	10,122	55.01%	TRAD
		TOTAL DEPARTMENT OF PSYCHOLOGY		**487,160**	**93,298**	**0**	**120,742**	**701,200**	**232,880**	**934,080**	**33.21%**	
DEPARTMENT OF PHYSICS												
100388-150	17%	U.S. DEPARTMENT OF ENERGY	AMARYAN, MOSKOV	97,237	543	0	5,813	103,593	53,778	157,371	51.91%	TRAD
100388-152	17%	U.S. DEPARTMENT OF ENERGY	AMARYAN, MOSKOV	6,582	0	0	716	7,298	1,712	9,010	23.46%	TRAD
100392-030	25%	U.S. DEPARTMENT OF ENERGY	BALITSKY, IAN	25,103	0	0	436	25,539	13,919	39,458	54.50%	TRAD
100849-010	33%	NATIONAL SCIENCE FOUNDATION	BRICENO, RAUL	0	0	0	26,865	26,865	0	26,865	0.00%	TRAD
300510-010	No	OLD DOMINION UNIVERSITY	BRICENO, RAUL	106,447	0	0	3,517	109,964	58,546	168,510	53.24%	TRAD
400346-050	No	JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	BRICENO, RAUL	11,232	0	0	0	11,232	0	11,232	0.00%	TRAD
400346-052	No	JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	BRICENO, RAUL	2,996	0	0	0	2,996	0	2,996	0.00%	TRAD
100388-150	15%	U.S. DEPARTMENT OF ENERGY	BUELTMANN, STEPHEN	85,797	478	0	5,129	91,404	47,452	138,856	51.91%	TRAD
100388-152	15%	U.S. DEPARTMENT OF ENERGY	BUELTMANN, STEPHEN	5,808	0	0	632	6,440	1,510	7,950	23.45%	TRAD
100652-010	20%	NATIONAL SCIENCE FOUNDATION	BUELTMANN, STEPHEN	0	0	0	1,902	1,902	0	1,902	0.00%	TRAD
100614-010	40%	NATIONAL SCIENCE FOUNDATION	CIOVATI, GIANLUIGI	26,913	949	0	2,405	30,267	7,245	37,512	23.94%	TRAD
400346-041	No	JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	CIOVATI, GIANLUIGI	1,521	0	0	0	1,521	0	1,521	0.00%	TRAD
400346-047	No	JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	CIOVATI, GIANLUIGI	27,464	0	0	0	27,464	0	27,464	0.00%	TRAD
400346-051	No	JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	CIOVATI, GIANLUIGI	10,431	0	0	0	10,431	0	10,431	0.00%	TRAD
100711-010	25%	U.S. DEPARTMENT OF ENERGY	DE SILVA, SUBASHINI	6,714	90	0	0	6,804	1,769	8,573	26.00%	TRAD
100387-020	50%	U.S. DEPARTMENT OF ENERGY	DELAYEN, JEAN	24,889	3,082	0	49,665	77,636	7,272	84,908	9.37%	TRAD
100614-010	30%	NATIONAL SCIENCE FOUNDATION	DELAYEN, JEAN	20,186	712	0	1,804	22,702	5,433	28,135	23.93%	TRAD
100711-010	75%	U.S. DEPARTMENT OF ENERGY	DELAYEN, JEAN	20,141	270	0	0	20,411	5,307	25,718	26.00%	TRAD
100727-010	No	U.S. DEPARTMENT OF ENERGY	DELAYEN, JEAN	8,007	3,689	0	237	11,933	3,041	14,974	25.48%	TRAD
100843-010	No	FERMI NATIONAL ACCELERATOR LABORATORY	DELAYEN, JEAN	56,110	4,527	0	0	60,637	15,765	76,402	26.00%	TRAD
300442-010	50%	TEMPLE UNIVERSITY	DELAYEN, JEAN	15,945	175	0	1,290	17,410	8,866	26,276	50.92%	TRAD
400343-010	No	SOUTHERN UNIVERSITIES RESEARCH ASSOC (SURA)	DELAYEN, JEAN	36,578	2,940	0	897	40,415	21,735	62,150	53.78%	TRAD
400346-034	No	JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	DELAYEN, JEAN	17,141	0	0	0	17,141	0	17,141	0.00%	TRAD
400346-035	No	JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	DELAYEN, JEAN	13,732	0	0	0	13,732	0	13,732	0.00%	TRAD
400346-037	No	JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	DELAYEN, JEAN	20,599	0	0	0	20,599	0	20,599	0.00%	TRAD
400346-042	No	JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	DELAYEN, JEAN	27,464	0	0	0	27,464	0	27,464	0.00%	TRAD
400452-010	No	JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	DELAYEN, JEAN	75,309	1,514	13,257	0	90,080	42,253	132,333	46.91%	TRAD
500095-060	No	NIOWAVE, INC.	DELAYEN, JEAN	0	0	0	0	0	2,917	2,917	0.00%	TRAD

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500279-010	No	NIOWAVE, INC.	DELAYEN, JEAN	0	0	0	(54,287)	(54,287)	(29,858)	(84,145)	55.00%	TRAD
100554-010	25%	NATIONAL SCIENCE FOUNDATION	GODUNOV, ALEXANDER	2,758	0	0	295	3,053	1,462	4,515	47.89%	TRAD
100387-020	50%	U.S. DEPARTMENT OF ENERGY	GUREVICH, ALEXANDER	24,889	3,082	0	49,665	77,636	7,272	84,908	9.37%	TRAD
100614-010	30%	NATIONAL SCIENCE FOUNDATION	GUREVICH, ALEXANDER	20,186	712	0	1,804	22,702	5,433	28,135	23.93%	TRAD
100668-010	No	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH (AFOSR)	GUREVICH, ALEXANDER	70,235	399	27,248	0	97,882	38,849	136,731	39.69%	TRAD
300442-010	50%	TEMPLE UNIVERSITY	GUREVICH, ALEXANDER	15,945	175	0	1,290	17,410	8,866	26,276	50.92%	TRAD
400346-039	No	JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	GUREVICH, ALEXANDER	20,599	0	0	0	20,599	0	20,599	0.00%	TRAD
400346-040	No	JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	GUREVICH, ALEXANDER	1,521	0	0	0	1,521	0	1,521	0.00%	TRAD
100388-150	17%	U.S. DEPARTMENT OF ENERGY	HYDE, CHARLES	97,237	543	0	5,813	103,593	53,778	157,371	51.91%	TRAD
100388-152	17%	U.S. DEPARTMENT OF ENERGY	HYDE, CHARLES	6,582	0	0	716	7,298	1,712	9,010	23.46%	TRAD
100697-010	No	BROOKHAVEN NATIONAL LABORATORY	HYDE, CHARLES	36,924	0	0	3,547	40,471	9,600	50,071	23.72%	TRAD
300528-010	No	STONY BROOK UNIVERSITY	HYDE, CHARLES	35,385	0	0	0	35,385	0	35,385	0.00%	TRAD
400406-020	20%	SOUTHERN UNIVERSITIES RESEARCH ASSOC (SURA)	HYDE, CHARLES	9,999	0	0	0	9,999	0	9,999	0.00%	TRAD
400406-030	25%	SOUTHERN UNIVERSITIES RESEARCH ASSOC (SURA)	HYDE, CHARLES	3,964	0	0	0	3,964	0	3,964	0.00%	TRAD
400479-010	No	SOUTHERN UNIVERSITIES RESEARCH ASSOC (SURA)	HYDE, CHARLES	0	0	0	3,120	3,120	0	3,120	0.00%	TRAD
100652-010	20%	NATIONAL SCIENCE FOUNDATION	KRAFFT, GEOFFREY	0	0	0	1,902	1,902	0	1,902	0.00%	TRAD
100722-010	No	U.S. DEPARTMENT OF ENERGY	KRAFFT, GEOFFREY	12,311	0	0	0	12,311	3,201	15,512	26.00%	TRAD
100849-010	33%	NATIONAL SCIENCE FOUNDATION	KRAFFT, GEOFFREY	0	0	0	26,865	26,865	0	26,865	0.00%	TRAD
400346-038	No	JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	KRAFFT, GEOFFREY	27,464	0	0	0	27,464	0	27,464	0.00%	TRAD
400346-046	No	JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	KRAFFT, GEOFFREY	23,408	0	0	0	23,408	0	23,408	0.00%	TRAD
100388-150	17%	U.S. DEPARTMENT OF ENERGY	KUHN, SEBASTIAN	97,237	543	0	5,813	103,593	53,778	157,371	51.91%	TRAD
100388-152	17%	U.S. DEPARTMENT OF ENERGY	KUHN, SEBASTIAN	6,582	0	0	716	7,298	1,712	9,010	23.46%	TRAD
400476-010	No	SOCIETY OF PHYSICS STUDENTS	NEREM, MATTHEW	0	992	0	0	992	0	992	0.00%	TRAD
100392-030	25%	U.S. DEPARTMENT OF ENERGY	RADYUSHKIN, ANATOLY	25,103	0	0	436	25,539	13,919	39,458	54.50%	TRAD
100663-010	No	BROOKHAVEN NATIONAL LABORATORY	ROGERS, TED	28,741	0	0	0	28,741	7,473	36,214	26.00%	TRAD
300444-010	No	OLD DOMINION UNIVERSITY	ROGERS, TED	77,682	2,182	0	1,741	81,605	43,926	125,531	53.83%	TRAD
100392-030	25%	U.S. DEPARTMENT OF ENERGY	SCHIAVILLA, ROCCO	25,103	0	0	436	25,539	13,919	39,458	54.50%	TRAD
100388-150	17%	U.S. DEPARTMENT OF ENERGY	STEPANYAN, STEPAN	97,237	543	0	5,813	103,593	53,778	157,371	51.91%	TRAD
100388-152	17%	U.S. DEPARTMENT OF ENERGY	STEPANYAN, STEPAN	6,582	0	0	716	7,298	1,712	9,010	23.46%	TRAD
100527-034	34%	NASA GODDARD SPACEFLIGHT CENTER	SUKENIK, CHARLES	0	0	0	3,400	3,400	0	3,400	0.00%	TRAD
100602-010	No	NATIONAL SCIENCE FOUNDATION	SUKENIK, CHARLES	36,966	4,672	0	10,090	51,728	22,900	74,628	44.27%	TRAD
100877-010	No	NATIONAL SCIENCE FOUNDATION	SUKENIK, CHARLES	22,252	1,390	0	1,124	24,766	13,003	37,769	52.50%	TRAD
300556-011	34%	VA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY	SUKENIK, CHARLES	15,389	1,448	0	593	17,430	0	17,430	0.00%	TRAD
400271-012	No	NATIONAL INSTITUTE OF AEROSPACE ASSOCIATES (NIA)	SUKENIK, CHARLES	13,037	154	0	0	13,191	7,255	20,446	55.00%	TRAD
400347-010	No	JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	SUKENIK, CHARLES	697,771	0	0	0	697,771	0	697,771	0.00%	TRAD
500427-010	33%	NALU SCIENTIFIC	SUKENIK, CHARLES	3,788	814	0	234	4,836	2,273	7,109	47.00%	TRAD
500443-010	33%	NALU SCIENTIFIC	SUKENIK, CHARLES	665	0	0	0	665	366	1,031	55.04%	TRAD
100554-010	25%	NATIONAL SCIENCE FOUNDATION	TERZIC, BALSA	2,758	0	0	295	3,053	1,462	4,515	47.89%	TRAD
100652-010	60%	NATIONAL SCIENCE FOUNDATION	TERZIC, BALSA	0	0	0	5,706	5,706	0	5,706	0.00%	TRAD
100810-010	No	NATIONAL SCIENCE FOUNDATION	TERZIC, BALSA	44,546	0	0	1,741	46,287	24,500	70,787	52.93%	TRAD
100849-010	34%	NATIONAL SCIENCE FOUNDATION	TERZIC, BALSA	0	0	0	27,679	27,679	0	27,679	0.00%	TRAD
100853-010	33%	FERMI NATIONAL ACCELERATOR LABORATORY	TERZIC, BALSA	18,896	0	0	0	18,896	4,913	23,809	26.00%	TRAD
300030-016	20%	UNIVERSITY OF VIRGINIA	TERZIC, BALSA	2,970	2,787	0	0	5,757	0	5,757	0.00%	TRAD
400346-036	No	JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	TERZIC, BALSA	27,464	0	0	0	27,464	0	27,464	0.00%	TRAD
400440-010	33%	JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	TERZIC, BALSA	2,651	0	0	0	2,651	0	2,651	0.00%	TRAD
100392-030	25%	U.S. DEPARTMENT OF ENERGY	VAN ORDEN, JAY	25,103	0	0	436	25,539	13,919	39,458	54.50%	TRAD
100388-150	17%	U.S. DEPARTMENT OF ENERGY	WEINSTEIN, LAWRENCE	97,237	543	0	5,813	103,593	53,778	157,371	51.91%	TRAD
100388-152	17%	U.S. DEPARTMENT OF ENERGY	WEINSTEIN, LAWRENCE	6,582	0	0	716	7,298	1,712	9,010	23.46%	TRAD
	TOTAL DEPARTMENT OF PHYSICS			**2,542,095**	**39,948**	**40,505**	**215,536**	**2,838,084**	**735,133**	**3,573,217**	**25.90%**	
DEPARTMENT OF COMPUTER SCIENCE												
300596-010	No	STONY BROOK UNIVERSITY	ASHOK, VIKAS	2,636	0	0	0	2,636	1,450	4,086	55.01%	TRAD
300649-010	50%	STONY BROOK UNIVERSITY	ASHOK, VIKAS	4,481	0	0	0	4,481	2,465	6,946	55.01%	TRAD

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PROJECT NUMBER	SPLIT	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	STIPENDS, SUBCONTRACTS, TUITION, OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	ENTERPRISE CODE
100483-010	34%	NATIONAL SCIENCE FOUNDATION	CHERNIKOV, ANDREY	12,418	0	0	(5,075)	7,343	6,582	13,925	89.64%	TRAD
100483-010	66%	NATIONAL SCIENCE FOUNDATION	CHRISOCHOIDES, NIKOS	24,106	0	0	(9,850)	14,256	12,776	27,032	89.62%	TRAD
100558-010	No	LANGLEY RESEARCH CENTER	CHRISOCHOIDES, NIKOS	26,191	0	0	0	26,191	14,406	40,597	55.00%	TRAD
400346-023	No	JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	CHRISOCHOIDES, NIKOS	8,983	0	0	0	8,983	0	8,983	0.00%	TRAD
400346-024	No	JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	CHRISOCHOIDES, NIKOS	10,336	0	0	0	10,336	0	10,336	0.00%	TRAD
400406-010	No	SOUTHERN UNIVERSITIES RESEARCH ASSOC (SURA)	CHRISOCHOIDES, NIKOS	17,495	0	0	0	17,495	0	17,495	0.00%	TRAD
400406-020	80%	SOUTHERN UNIVERSITIES RESEARCH ASSOC (SURA)	CHRISOCHOIDES, NIKOS	40,000	0	0	0	40,000	0	40,000	0.00%	TRAD
400406-030	75%	SOUTHERN UNIVERSITIES RESEARCH ASSOC (SURA)	CHRISOCHOIDES, NIKOS	11,891	0	0	0	11,891	0	11,891	0.00%	TRAD
300596-010	No	STONY BROOK UNIVERSITY	GANJIGUNTE ASHOK, VIKAS	5,800	0	0	0	5,800	3,190	8,990	55.00%	TRAD
100689-030	10%	U.S. PUBLIC HEALTH SERVICE (HEALTH RESOURCES AND SERVICES ADMINISTRATION - HRSA)	GUPTA, AJAY	4,635	0	0	3,060	7,695	371	8,066	4.82%	TRAD
300566-012	10%	UNIVERSITY OF VIRGINIA	GUPTA, AJAY	3,161	0	0	0	3,161	822	3,983	26.00%	TRAD
300585-010	25%	EASTERN VIRGINIA MEDICAL SCHOOL	GUPTA, AJAY	13,582	60	0	0	13,642	3,547	17,189	26.00%	TRAD
500245-010	No	CUSTOMER 1 FOCUS, LLC	GUPTA, REKHA	0	0	0	2	2	0	2	0.00%	TRAD
100532-010	30%	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	HE, JING	4,203	384	0	0	4,587	2,523	7,110	55.00%	TRAD
100882-010	33%	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	HE, JING	26,112	6,241	0	606	32,959	17,794	50,753	53.99%	TRAD
100828-010	No	NATIONAL SCIENCE FOUNDATION	JAIN, SHUBHAM	5,383	0	0	0	5,383	2,961	8,344	55.01%	TRAD
100829-010	40%	NATIONAL SCIENCE FOUNDATION	JAIN, SHUBHAM	11,213	0	0	0	11,213	6,167	17,380	55.00%	TRAD
300585-010	25%	EASTERN VIRGINIA MEDICAL SCHOOL	JAIN, SHUBHAM	13,582	60	0	0	13,642	3,547	17,189	26.00%	TRAD
100527-035	50%	NASA GODDARD SPACEFLIGHT CENTER	JAYARATHNA, UKWATTA	2,652	1,302	0	0	3,954	0	3,954	0.00%	TRAD
100846-011	50%	LANGLEY RESEARCH CENTER	JAYARATHNA, UKWATTA	304	71	0	0	375	0	375	0.00%	TRAD
100897-010	No	NATIONAL SCIENCE FOUNDATION	JAYARATHNA, UKWATTA	2,965	0	0	0	2,965	1,631	4,596	55.01%	TRAD
100720-023	No	OFFICE OF NAVAL RESEARCH	LI, YAOHANG	17,400	846	0	0	18,246	0	18,246	0.00%	TRAD
400346-021	No	JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	LI, YAOHANG	15,296	0	0	0	15,296	0	15,296	0.00%	TRAD
400346-049	No	JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	LI, YAOHANG	5,280	0	0	0	5,280	0	5,280	0.00%	TRAD
400443-010	No	SOUTHERN UNIVERSITIES RESEARCH ASSOC (SURA)	LI, YAOHANG	32,590	21,958	0	0	54,548	14,183	68,731	26.00%	TRAD
300585-010	25%	EASTERN VIRGINIA MEDICAL SCHOOL	MALY, KURT	13,582	60	0	0	13,642	3,547	17,189	26.00%	TRAD
500044-010	No	RAYTHEON	MALY, KURT	0	0	0	(9,816)	(9,816)	0	(9,816)	0.00%	TRAD
500136-010	No	CHRIPXM, INC.	MALY, KURT	0	0	0	(29,228)	(29,228)	0	(29,228)	0.00%	TRAD
500155-010	No	E&E ENTERPRISES	MALY, KURT	0	0	0	(29,054)	(29,054)	0	(29,054)	0.00%	TRAD
500207-010	No	QWYVR, LLC	MALY, KURT	0	0	0	7,971	7,971	2,073	10,044	26.01%	TRAD
600202-010	No	ACHARYA INSTITUTE OF TECHNOLOGY	MALY, KURT	9,498	254	0	0	9,752	0	9,752	0.00%	TRAD
300297-010	50%	COLUMBIA UNIVERSITY	NELSON, MICHAEL	0	0	0	(1)	(1)	0	(1)	0.00%	TRAD
100829-010	30%	NATIONAL SCIENCE FOUNDATION	OLARIU, STEPHAN	8,410	0	0	0	8,410	4,625	13,035	54.99%	TRAD
300648-010	50%	STONY BROOK UNIVERSITY	OLARIU, STEPHAN	1,832	0	0	0	1,832	1,008	2,840	55.02%	TRAD
300649-010	50%	STONY BROOK UNIVERSITY	OLARIU, STEPHAN	4,481	0	0	0	4,481	2,465	6,946	55.01%	TRAD
100554-010	25%	NATIONAL SCIENCE FOUNDATION	RANJAN, DESH	2,758	0	0	295	3,053	1,462	4,515	47.89%	TRAD
100718-010	50%	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	RANJAN, DESH	0	0	0	0	0	(2,485)	(2,485)	0.00%	TRAD
100718-030	50%	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	RANJAN, DESH	36,973	18,217	0	88,446	143,636	4,415	148,051	3.07%	TRAD
100718-031	50%	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	RANJAN, DESH	25,449	4,303	7,754	0	37,506	2,381	39,887	6.35%	TRAD
100718-040	50%	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	RANJAN, DESH	0	0	0	2,399	2,399	0	2,399	0.00%	TRAD
100853-010	34%	FERMI NATIONAL ACCELERATOR LABORATORY	RANJAN, DESH	19,469	0	0	0	19,469	5,062	24,531	26.00%	TRAD
400110-015	50%	JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	RANJAN, DESH	0	0	0	10,080	10,080	0	10,080	0.00%	TRAD
400110-021	No	JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	RANJAN, DESH	0	0	0	19,456	19,456	0	19,456	0.00%	TRAD
400440-010	34%	JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	RANJAN, DESH	2,731	0	0	0	2,731	0	2,731	0.00%	TRAD
500147-010	No	LIBERTY TAX SERVICE	RANJAN, DESH	0	0	0	(21,642)	(21,642)	0	(21,642)	0.00%	TRAD
600227-010	No	NATO	SUN, JIANGWEN	910	0	0	3,950	4,860	2,673	7,533	55.00%	TRAD
300297-010	50%	COLUMBIA UNIVERSITY	WEIGLE, MICHELE	0	0	0	(1)	(1)	0	(1)	0.00%	TRAD
100864-010	No	LOS ALAMOS NATIONAL LABORATORIES	WU, JIAN	16,383	415	0	4,656	21,454	9,239	30,693	43.06%	TRAD
300491-010	No	PENNSYLVANIA STATE UNIVERSITY	WU, JIAN	16,542	1,200	0	2,400	20,142	9,758	29,900	48.45%	TRAD
300529-010	No	VA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY	WU, JIAN	25,493	0	0	8,147	33,640	14,021	47,661	41.68%	TRAD
300562-010	No	PENNSYLVANIA STATE UNIVERSITY	WU, JIAN	18,679	708	0	7,390	26,777	10,663	37,440	39.82%	TRAD
100554-010	25%	NATIONAL SCIENCE FOUNDATION	ZUBAIR, MOHAMMAD	2,758	0	0	295	3,053	1,462	4,515	47.89%	TRAD
100853-010	33%	FERMI NATIONAL ACCELERATOR LABORATORY	ZUBAIR, MOHAMMAD	18,896	0	0	0	18,896	4,913	23,809	26.00%	TRAD

SCHEDULE 4

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PROJECT NUMBER	SPLIT	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	STIPENDS, SUBCONTRACTS, TUITION, OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	ENTERPRISE CODE
300536-015	No	OLD DOMINION UNIVERSITY	ZUBAIR, MOHAMMAD	0	0	0	13,818	13,818	1,382	15,200	10.00%	TRAD
300606-015	No	OLD DOMINION UNIVERSITY	ZUBAIR, MOHAMMAD	10,295	0	0	0	10,295	1,030	11,325	10.00%	TRAD
400110-015	50%	JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	ZUBAIR, MOHAMMAD	0	0	0	10,080	10,080	0	10,080	0.00%	TRAD
400271-010	No	NATIONAL INSTITUTE OF AEROSPACE ASSOCIATES (NIA)	ZUBAIR, MOHAMMAD	79,678	0	0	(1)	79,677	20,716	100,393	26.00%	TRAD
400346-022	No	JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	ZUBAIR, MOHAMMAD	25,149	0	0	0	25,149	0	25,149	0.00%	TRAD
400440-010	33%	JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	ZUBAIR, MOHAMMAD	2,651	0	0	0	2,651	0	2,651	0.00%	TRAD
		TOTAL DEPARTMENT OF COMPUTER SCIENCE		**665,312**	**56,079**	**7,754**	**78,383**	**807,528**	**194,825**	**1,002,353**	**24.13%**	
DEPARTMENT OF COMPUTER SCIENCE - CENTER FOR CYBERSECURITY (CYBER)												
100745-010	25%	NATIONAL SCIENCE FOUNDATION	WANG, CONG	2,478	0	0	0	2,478	1,363	3,841	55.00%	CYBER
100801-010	No	NATIONAL SCIENCE FOUNDATION	WANG, CONG	28,930	3,230	0	0	32,160	17,688	49,848	55.00%	CYBER
100873-010	33%	NATIONAL SCIENCE FOUNDATION	WANG, CONG	7,515	83	0	1,131	8,729	4,179	12,908	47.87%	CYBER
100856-010	20%	NATIONAL SCIENCE FOUNDATION	ZHAO, DANELLA	6,103	0	0	1,500	7,603	3,356	10,959	44.14%	CYBER
100866-010	No	NATIONAL SCIENCE FOUNDATION	ZHAO, DANELLA	24,228	0	0	2,856	27,084	6,299	33,383	23.26%	CYBER
100880-010	25%	NATIONAL SECURITY AGENCY	ZHAO, DANELLA	2,034	0	0	9,974	12,008	1,118	13,126	9.31%	CYBER
100896-010	30%	NATIONAL SECURITY AGENCY	ZHAO, DANELLA	2,525	98	0	0	2,623	1,443	4,066	55.01%	CYBER
300594-010	30%	OLD DOMINION UNIVERSITY	ZHAO, DANELLA	7,853	415	0	0	8,268	4,547	12,815	55.00%	CYBER
		TOTAL DEPARTMENT OF COMPUTER SCIENCE - CENTER FOR CYBERSECURITY (CYBER)		**81,666**	**3,826**	**0**	**15,461**	**100,953**	**39,993**	**140,946**	**39.62%**	
DEPARTMENT OF COMPUTER SCIENCE - VIRGINIA MODELING AND SIMULATION CENTER (VMASC)												
300380-010	50%	OLD DOMINION UNIVERSITY	NELSON, MICHAEL	0	(2,404)	0	11,755	9,351	0	9,351	0.00%	VMASC
300472-010	No	VA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY	NELSON, MICHAEL	0	5,609	0	0	5,609	3,085	8,694	55.00%	VMASC
600236-010	No	INTERNATIONAL INTERNET PRESERVATION CONS	NELSON, MICHAEL	10,273	0	0	0	10,273	0	10,273	0.00%	VMASC
300380-010	50%	OLD DOMINION UNIVERSITY	WEIGLE, MICHELE	0	(2,404)	0	11,755	9,351	0	9,351	0.00%	VMASC
		TOTAL DEPARTMENT OF COMPUTER SCIENCE - VIRGINIA MODELING AND SIMULATION CENTER (VMASC)		**10,273**	**801**	**0**	**23,510**	**34,584**	**3,085**	**37,669**	**8.92%**	
TOTAL COLLEGE OF SCIENCES				**8,010,227**	**1,072,492**	**85,264**	**1,515,394**	**10,683,377**	**2,799,294**	**13,482,671**	**26.20%**	

SCHEDULE 4

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

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OFFICE OF RESEARCH AND OTHER ODU UNITS												
FRANK REIDY RESEARCH CENTER FOR BIOELECTRICS (CBE)												
500226-006	70%	PULSE BIOSCIENCES (ELECTROBLATE)	BEEBE, STEPHEN	0	0	0	460	460	253	713	55.00%	CBE
500226-013	33%	PULSE BIOSCIENCES (ELECTROBLATE)	BEEBE, STEPHEN	7,201	3,015	0	0	10,216	5,619	15,835	55.00%	CBE
100732-010	70%	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	GUO, SIQI	22,571	1,196	0	0	23,767	13,072	36,839	55.00%	CBE
500226-006	30%	PULSE BIOSCIENCES (ELECTROBLATE)	GUO, SIQI	0	0	0	197	197	109	306	55.33%	CBE
500226-011	15%	PULSE BIOSCIENCES (ELECTROBLATE)	GUO, SIQI	0	0	0	(17)	(17)	(9)	(26)	52.94%	CBE
500226-013	33%	PULSE BIOSCIENCES (ELECTROBLATE)	GUO, SIQI	7,201	3,015	0	0	10,216	5,619	15,835	55.00%	CBE
500226-019	90%	PULSE BIOSCIENCES (ELECTROBLATE)	MURATORI, CLAUDIA	92,168	22,066	0	0	114,234	62,828	177,062	55.00%	CBE
500226-020	40%	PULSE BIOSCIENCES (ELECTROBLATE)	MURATORI, CLAUDIA	37,924	7,654	0	0	45,578	25,068	70,646	55.00%	CBE
300345-010	No	OLD DOMINION UNIVERSITY	PAKHOMOV, ANDREI	125,870	22,475	0	112,767	261,112	81,590	342,702	31.25%	CBE
500226-018	80%	PULSE BIOSCIENCES (ELECTROBLATE)	PAKHOMOV, ANDREI	21,972	328	10,397	0	32,697	12,265	44,962	37.51%	CBE
100548-010	5%	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	PAKHOMOVA, OLGA	(133)	45	0	0	(88)	(48)	(136)	54.55%	CBE
300345-012	No	OLD DOMINION UNIVERSITY	PAKHOMOVA, OLGA	108,938	20,902	0	0	129,840	71,412	201,252	55.00%	CBE
500226-018	20%	PULSE BIOSCIENCES (ELECTROBLATE)	PAKHOMOVA, OLGA	20,612	1,406	4,781	0	26,799	12,110	38,909	45.19%	CBE
500226-019	10%	PULSE BIOSCIENCES (ELECTROBLATE)	PAKHOMOVA, OLGA	10,241	2,452	0	0	12,693	6,981	19,674	55.00%	CBE
100548-010	10%	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	SEMENOV, IURII	(266)	91	0	0	(175)	(96)	(271)	54.86%	CBE
100807-010	No	NATIONAL SCIENCE FOUNDATION	SLAUGHTER, GYMAMA	9,947	0	0	0	9,947	5,471	15,418	55.00%	CBE
100809-010	No	NATIONAL SCIENCE FOUNDATION	SLAUGHTER, GYMAMA	22,616	10,379	0	0	32,995	18,147	51,142	55.00%	CBE
100823-010	No	UNITED STATES ARMY MEDICAL RESEARCH AND MATERIEL COMMAND	SLAUGHTER, GYMAMA	55,434	12,379	0	14,320	82,133	35,941	118,074	43.76%	CBE
400474-010	No	BREEDEN-ADAMS FOUNDATION	STACEY, MICHAEL	3,872	6,440	0	0	10,312	0	10,312	0.00%	CBE
300345-013	No	OLD DOMINION UNIVERSITY	VERNIER, PAUL THOMAS	87,024	5,161	0	1,454	93,639	50,702	144,341	54.15%	CBE
300660-010	30%	OLD DOMINION UNIVERSITY	VERNIER, PAUL THOMAS	0	3,027	0	0	3,027	0	3,027	0.00%	CBE
500226-020	60%	PULSE BIOSCIENCES (ELECTROBLATE)	VERNIER, PAUL THOMAS	56,886	11,481	0	0	68,367	37,603	105,970	55.00%	CBE
		TOTAL FRANK REIDY RESEARCH CENTER FOR BIOELECTRICS (CBE)		**690,078**	**133,512**	**15,178**	**129,181**	**967,949**	**444,637**	**1,412,586**	**45.94%**	
CENTER FOR BIOELECTRONICS (CBX)												
100804-010	No	NATIONAL SCIENCE FOUNDATION	SLAUGHTER, GYMAMA	34,701	0	0	0	34,701	18,391	53,092	53.00%	CBX
100807-010	No	NATIONAL SCIENCE FOUNDATION	SLAUGHTER, GYMAMA	44,949	13,120	0	0	58,069	31,938	90,007	55.00%	CBX
100809-010	No	NATIONAL SCIENCE FOUNDATION	SLAUGHTER, GYMAMA	0	837	0	0	837	461	1,298	55.08%	CBX
100823-010	No	UNITED STATES ARMY MEDICAL RESEARCH AND MATERIEL COMMAND	SLAUGHTER, GYMAMA	(579)	(680)	0	1	(1,258)	(667)	(1,925)	53.02%	CBX
100893-010	50%	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	SLAUGHTER, GYMAMA	5,801	125	0	5,918	11,844	474	12,318	4.00%	CBX
		TOTAL CENTER FOR BIOELECTRONICS (CBX)		**84,872**	**13,402**	**0**	**5,919**	**104,193**	**50,597**	**154,790**	**48.56%**	
VIRGINIA MODELING AND SIMULATION CENTER (VMASC)												
300675-010	10%	OLD DOMINION UNIVERSITY	AGGARWAL, PRIYANKA	876	0	0	0	876	0	876	0.00%	VMASC
100790-011	5%	NAVAL SEA SYSTEMS COMMAND	AMASON, DARRYL	4,678	4	0	(25)	4,657	3,043	7,700	65.34%	VMASC
300592-010	20%	OLD DOMINION UNIVERSITY	AMASON, DARRYL	112,403	9,566	0	0	121,969	0	121,969	0.00%	VMASC
300639-010	30%	OLD DOMINION UNIVERSITY	AMASON, DARRYL	5,650	0	0	0	5,650	0	5,650	0.00%	VMASC
500379-020	10%	D'ANGELO TECHNOLOGIES LLC	AMASON, DARRYL	8,920	222	0	0	9,142	5,942	15,084	65.00%	VMASC
500390-010	60%	ALEX – ALTERNATIVE EXPERTS, LLC	AMASON, DARRYL	1,248	0	0	0	1,248	811	2,059	64.98%	VMASC
500435-010	20%	VALKYRIE ENTERPRISES, INC.	AMASON, DARRYL	36,522	0	0	0	36,522	23,739	60,261	65.00%	VMASC
300543-010	20%	OLD DOMINION UNIVERSITY	BARRACO, ANTHONY	44,379	9,378	0	6,771	60,528	29,566	90,094	48.85%	VMASC
600201-010	30%	UNIVERSITY OF AGDER	BARRACO, ANTHONY	(118)	(5)	0	0	(123)	(68)	(191)	55.28%	VMASC
100824-010	50%	NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION	BEHR, JOSHUA	14,489	19,782	0	359	34,630	18,849	53,479	54.43%	VMASC
100883-010	25%	U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT	BEHR, JOSHUA	12,440	4,609	0	0	17,049	9,377	26,426	55.00%	VMASC
100890-010	34%	NATIONAL SCIENCE FOUNDATION	BEHR, JOSHUA	7,224	17	0	0	7,241	1,883	9,124	26.00%	VMASC
200334-010	25%	VIRGINIA DEPARTMENT OF EMERGENCY MANAGEMENT	BEHR, JOSHUA	15,718	18,475	0	0	34,193	18,806	52,999	55.00%	VMASC
300492-010	34%	OLD DOMINION UNIVERSITY	BEHR, JOSHUA	0	0	0	187	187	0	187	0.00%	VMASC
300543-010	15%	OLD DOMINION UNIVERSITY	BEHR, JOSHUA	33,284	7,033	0	5,079	45,396	22,175	67,571	48.85%	VMASC
300545-010	20%	OLD DOMINION UNIVERSITY	BOWLES, DAVID	79,207	10,700	0	62,196	152,103	0	152,103	0.00%	VMASC
300583-010	No	OLD DOMINION UNIVERSITY	BOWLES, DAVID	(1,108)	0	0	0	(1,108)	0	(1,108)	0.00%	VMASC

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PROJECT NUMBER	SPLIT	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	STIPENDS, SUBCONTRACTS, TUITION, OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	ENTERPRISE CODE
300650-010	No	OLD DOMINION UNIVERSITY	BOWLES, DAVID	9,984	1,938	0	0	11,922	0	11,922	0.00%	VMASC
300661-010	No	OLD DOMINION UNIVERSITY	BOWLES, DAVID	1,024	0	0	0	1,024	0	1,024	0.00%	VMASC
400448-010	No	MITRE CORPORATION	BOWLES, DAVID	5,321	0	0	15	5,336	2,934	8,270	54.99%	VMASC
100790-010	18%	NAVAL SEA SYSTEMS COMMAND	COLLINS, ANDREW	17,969	69	0	0	18,038	11,725	29,763	65.00%	VMASC
100790-011	10%	NAVAL SEA SYSTEMS COMMAND	COLLINS, ANDREW	9,356	8	0	(50)	9,314	6,086	15,400	65.34%	VMASC
500391-010	20%	CAMBER CORPORATION	CVEJETIC, BRATISLAV	0	0	0	2,494	2,494	1,621	4,115	65.00%	VMASC
300592-010	20%	OLD DOMINION UNIVERSITY	DIALLO, SAIKOU	112,403	9,566	0	0	121,969	0	121,969	0.00%	VMASC
400432-010	50%	MITRE CORPORATION	DIALLO, SAIKOU	7,127	0	0	(1)	7,126	3,920	11,046	55.01%	VMASC
400439-010	50%	JOHN TEMPLETON FOUNDATION	DIALLO, SAIKOU	47,600	16,668	0	753,522	817,790	9,640	827,430	1.18%	VMASC
500375-001	50%	CAMBER CORPORATION	DIALLO, SAIKOU	0	0	0	2,797	2,797	1,818	4,615	65.00%	VMASC
500375-003	50%	CAMBER CORPORATION	DIALLO, SAIKOU	0	0	0	1	1	0	1	0.00%	VMASC
500375-005	50%	CAMBER CORPORATION	DIALLO, SAIKOU	0	0	0	81	81	52	133	64.20%	VMASC
500375-006	50%	CAMBER CORPORATION	DIALLO, SAIKOU	0	0	0	1,506	1,506	978	2,484	64.94%	VMASC
500375-007	50%	CAMBER CORPORATION	DIALLO, SAIKOU	0	0	0	10,618	10,618	6,901	17,519	64.99%	VMASC
500375-008	50%	CAMBER CORPORATION	DIALLO, SAIKOU	0	0	0	1,849	1,849	1,202	3,051	65.01%	VMASC
500391-010	20%	CAMBER CORPORATION	DIALLO, SAIKOU	0	0	0	2,494	2,494	1,621	4,115	65.00%	VMASC
500395-010	No	KADSCI	DIALLO, SAIKOU	0	0	0	0	0	(1)	(1)	0.00%	VMASC
500400-011	50%	UNITED NETWORK FOR ORGAN SHARING (UNOS)	DIALLO, SAIKOU	56,027	2,176	0	0	58,203	32,012	90,215	55.00%	VMASC
600201-010	30%	UNIVERSITY OF AGDER	DIALLO, SAIKOU	(118)	(5)	0	0	(123)	(68)	(191)	55.28%	VMASC
100883-010	25%	U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT	DIAZ, RAFAEL	12,440	4,609	0	0	17,049	9,377	26,426	55.00%	VMASC
100890-010	33%	NATIONAL SCIENCE FOUNDATION	DIAZ, RAFAEL	7,012	17	0	0	7,029	1,827	8,856	25.99%	VMASC
200334-010	25%	VIRGINIA DEPARTMENT OF EMERGENCY MANAGEMENT	DIAZ, RAFAEL	15,718	18,475	0	0	34,193	18,806	52,999	55.00%	VMASC
300658-010	34%	OLD DOMINION UNIVERSITY	DIAZ, RAFAEL	8,725	0	0	0	8,725	0	8,725	0.00%	VMASC
300671-010	25%	OLD DOMINION UNIVERSITY	DIAZ, RAFAEL	1,257	0	0	0	1,257	0	1,257	0.00%	VMASC
100837-010	No	JOINT NON-LETHAL WEAPONS DIRECTORATE	EZELL, BARRY	0	0	0	4,281	4,281	1,113	5,394	26.00%	VMASC
100841-010	No	JOINT NON-LETHAL WEAPONS DIRECTORATE	EZELL, BARRY	180,397	0	0	0	180,397	18,039	198,436	10.00%	VMASC
100884-010	No	NAVSUP FLEET LOGISTICS CENTER NORFOLK	EZELL, BARRY	4,538	20,311	0	0	24,849	8,946	33,795	36.00%	VMASC
200323-010	No	VIRGINIA DEPARTMENT OF EMERGENCY MANAGEMENT	EZELL, BARRY	54,106	0	0	0	54,106	29,758	83,864	55.00%	VMASC
200324-010	No	HAMPTON ROADS PLANNING DISTRICT COMMISSION	EZELL, BARRY	702	25,000	0	21,401	47,103	6,682	53,785	14.19%	VMASC
200343-011	No	VIRGINIA DEPARTMENT OF EMERGENCY MANAGEMENT	EZELL, BARRY	89,064	0	0	0	89,064	48,985	138,049	55.00%	VMASC
200348-010	34%	VIRGINIA DEPARTMENT OF EMERGENCY MANAGEMENT	EZELL, BARRY	8,057	0	0	0	8,057	2,095	10,152	26.00%	VMASC
300654-010	No	OLD DOMINION UNIVERSITY	EZELL, BARRY	90,525	0	0	0	90,525	0	90,525	0.00%	VMASC
500341-003	No	APPLIED RESEARCH ASSOCIATES, INC.	EZELL, BARRY	0	0	0	1,057	1,057	582	1,639	55.06%	VMASC
500390-010	40%	ALEX – ALTERNATIVE EXPERTS, LLC	EZELL, BARRY	832	0	0	0	832	541	1,373	65.02%	VMASC
500401-010	No	CHESAPEAKE REGIONAL HEALTHCARE	EZELL, BARRY	0	0	0	717	717	186	903	25.94%	VMASC
500433-010	No	LOCKWOOD HILLS FEDERAL LLC	EZELL, BARRY	89,472	649	0	0	90,121	58,579	148,700	65.00%	VMASC
500434-002	No	CIRCADENCE	EZELL, BARRY	0	79,155	0	0	79,155	51,450	130,605	65.00%	VMASC
500434-003	No	CIRCADENCE	EZELL, BARRY	69,134	1,172	0	0	70,306	45,700	116,006	65.00%	VMASC
500434-001	30%	CIRCADENCE	FOYTIK, PETER	25,555	0	0	0	25,555	16,611	42,166	65.00%	VMASC
300543-010	25%	OLD DOMINION UNIVERSITY	FRYDENLUND, ERIKA	55,474	11,721	0	8,464	75,659	36,958	112,617	48.85%	VMASC
300639-010	30%	OLD DOMINION UNIVERSITY	GARCIA, HECTOR	5,650	0	0	0	5,650	0	5,650	0.00%	VMASC
300658-010	33%	OLD DOMINION UNIVERSITY	GARCIA, HECTOR	8,469	0	0	0	8,469	0	8,469	0.00%	VMASC
500391-010	20%	CAMBER CORPORATION	GAY, BRIAN	0	0	0	2,494	2,494	1,621	4,115	65.00%	VMASC
100883-010	25%	U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT	GILES, BRIDGET	12,440	4,609	0	0	17,049	9,377	26,426	55.00%	VMASC
200334-010	25%	VIRGINIA DEPARTMENT OF EMERGENCY MANAGEMENT	GILES, BRIDGET	15,718	18,475	0	0	34,193	18,806	52,999	55.00%	VMASC
100790-010	10%	NAVAL SEA SYSTEMS COMMAND	GORE, ROSS	9,983	39	0	0	10,022	6,514	16,536	65.00%	VMASC
100790-011	5%	NAVAL SEA SYSTEMS COMMAND	GORE, ROSS	4,678	4	0	(25)	4,657	3,043	7,700	65.34%	VMASC
200348-010	33%	VIRGINIA DEPARTMENT OF EMERGENCY MANAGEMENT	GORE, ROSS	7,820	0	0	0	7,820	2,033	9,853	26.00%	VMASC
300675-010	25%	OLD DOMINION UNIVERSITY	GORE, ROSS	2,191	0	0	0	2,191	0	2,191	0.00%	VMASC
500375-001	50%	CAMBER CORPORATION	GORE, ROSS	0	0	0	2,797	2,797	1,818	4,615	65.00%	VMASC
500375-003	50%	CAMBER CORPORATION	GORE, ROSS	0	0	0	1	1	0	1	0.00%	VMASC
500375-005	50%	CAMBER CORPORATION	GORE, ROSS	0	0	0	81	81	52	133	64.20%	VMASC
500375-006	50%	CAMBER CORPORATION	GORE, ROSS	0	0	0	1,506	1,506	978	2,484	64.94%	VMASC

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PROJECT NUMBER	SPLIT	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	STIPENDS, SUBCONTRACTS, TUITION, OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	ENTERPRISE CODE
500375-007	50%	CAMBER CORPORATION	GORE, ROSS	0	0	0	10,618	10,618	6,901	17,519	64.99%	VMASC
500375-008	50%	CAMBER CORPORATION	GORE, ROSS	0	0	0	1,849	1,849	1,202	3,051	65.01%	VMASC
500375-009	20%	CAMBER CORPORATION	GORE, ROSS	7,567	0	0	0	7,567	4,918	12,485	64.99%	VMASC
500375-010	20%	CAMBER CORPORATION	GORE, ROSS	6,227	0	0	0	6,227	4,047	10,274	64.99%	VMASC
500375-011	20%	CAMBER CORPORATION	GORE, ROSS	18,139	0	0	0	18,139	11,791	29,930	65.00%	VMASC
500391-010	20%	CAMBER CORPORATION	GORE, ROSS	0	0	0	2,494	2,494	1,621	4,115	65.00%	VMASC
600201-010	40%	UNIVERSITY OF AGDER	GORE, ROSS	(158)	(6)	0	0	(164)	(90)	(254)	54.88%	VMASC
100134-031	No	NAVSUP FLEET LOGISTICS CENTER NORFOLK	GROSEL, JOSEPH	0	0	0	(49,835)	(49,835)	0	(49,835)	0.00%	VMASC
100134-050	No	NAVSUP FLEET LOGISTICS CENTER NORFOLK	GROSEL, JOSEPH	0	0	0	(95,076)	(95,076)	0	(95,076)	0.00%	VMASC
300579-010	No	OLD DOMINION UNIVERSITY	JOE, MIA	41,163	33,468	0	0	74,631	0	74,631	0.00%	VMASC
200345-010	60%	NEWPORT NEWS PUBLIC SCHOOLS	JOHNSON, JESSICA	8,189	0	0	0	8,189	4,504	12,693	55.00%	VMASC
300639-010	14%	OLD DOMINION UNIVERSITY	JOHNSON, JESSICA	2,637	0	0	0	2,637	0	2,637	0.00%	VMASC
300671-010	25%	OLD DOMINION UNIVERSITY	JOHNSON, JESSICA	1,257	0	0	0	1,257	0	1,257	0.00%	VMASC
400431-010	50%	NEW COLLEGE INSTITUTE	JOHNSON, JESSICA	(1,016)	0	0	0	(1,016)	(264)	(1,280)	25.98%	VMASC
400442-010	No	NATIONAL PARENT TEACHER ASSOCIATION	JOHNSON, JESSICA	0	0	0	1	1	0	1	0.00%	VMASC
500435-010	30%	VALKYRIE ENTERPRISES, INC.	JOHNSON, JESSICA	54,784	0	0	0	54,784	35,610	90,394	65.00%	VMASC
300675-010	20%	OLD DOMINION UNIVERSITY	JORDAN, CRAIG	1,753	0	0	0	1,753	0	1,753	0.00%	VMASC
400432-010	50%	MITRE CORPORATION	JORDAN, CRAIG	7,127	0	0	(1)	7,126	3,920	11,046	55.01%	VMASC
500400-011	50%	UNITED NETWORK FOR ORGAN SHARING (UNOS)	JORDAN, CRAIG	56,027	2,176	0	0	58,203	32,012	90,215	55.00%	VMASC
500400-012	90%	UNITED NETWORK FOR ORGAN SHARING (UNOS)	JORDAN, CRAIG	22,048	0	0	0	22,048	3,215	25,263	14.58%	VMASC
600225-010	20%	NATO	JORDAN, CRAIG	0	0	0	962	962	529	1,491	54.99%	VMASC
300463-020	No	OLD DOMINION UNIVERSITY	KOSTECZKO, JOSEPH	(20,730)	5,748	1,350	0	(13,632)	0	(13,632)	0.00%	VMASC
300628-010	No	OLD DOMINION UNIVERSITY	KOSTECZKO, JOSEPH	71,395	938	0	0	72,333	0	72,333	0.00%	VMASC
300671-010	25%	OLD DOMINION UNIVERSITY	KOSTECZKO, JOSEPH	1,257	0	0	0	1,257	0	1,257	0.00%	VMASC
400431-010	50%	NEW COLLEGE INSTITUTE	KOSTECZKO, JOSEPH	(1,016)	0	0	0	(1,016)	(264)	(1,280)	25.98%	VMASC
100134-009	No	NAVSUP FLEET LOGISTICS CENTER NORFOLK	LANG, THOMAS	0	0	0	(43,359)	(43,359)	0	(43,359)	0.00%	VMASC
100134-017	No	NAVSUP FLEET LOGISTICS CENTER NORFOLK	LANG, THOMAS	0	0	0	(7,474)	(7,474)	0	(7,474)	0.00%	VMASC
100134-023	No	NAVSUP FLEET LOGISTICS CENTER NORFOLK	LANG, THOMAS	0	0	0	(8,635)	(8,635)	0	(8,635)	0.00%	VMASC
100883-010	25%	U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT	LAWSURE, KALEEN	12,440	4,609	0	0	17,049	9,377	26,426	55.00%	VMASC
300656-010	40%	OLD DOMINION UNIVERSITY	LE, TAN	1,141	0	0	0	1,141	0	1,141	0.00%	VMASC
300655-010	No	OLD DOMINION UNIVERSITY	LESLIE, KEVIN	33,305	0	0	0	33,305	0	33,305	0.00%	VMASC
300657-010	95%	OLD DOMINION UNIVERSITY	LU, YAN	5,561	0	0	0	5,561	0	5,561	0.00%	VMASC
100790-010	10%	NAVAL SEA SYSTEMS COMMAND	LYNCH, CHRISTOPHER	9,983	39	0	0	10,022	6,514	16,536	65.00%	VMASC
100790-011	5%	NAVAL SEA SYSTEMS COMMAND	LYNCH, CHRISTOPHER	4,678	4	0	(25)	4,657	3,043	7,700	65.34%	VMASC
200348-010	33%	VIRGINIA DEPARTMENT OF EMERGENCY MANAGEMENT	LYNCH, CHRISTOPHER	7,820	0	0	0	7,820	2,033	9,853	26.00%	VMASC
300675-010	5%	OLD DOMINION UNIVERSITY	LYNCH, CHRISTOPHER	438	0	0	0	438	0	438	0.00%	VMASC
500400-012	10%	UNITED NETWORK FOR ORGAN SHARING (UNOS)	LYNCH, CHRISTOPHER	2,450	0	0	0	2,450	357	2,807	14.57%	VMASC
600225-010	20%	NATO	LYNCH, CHRISTOPHER	0	0	0	962	962	529	1,491	54.99%	VMASC
100090-007	No	NAVSUP FLEET LOGISTICS CENTER NORFOLK	MCCLESKEY, KEVIN	0	0	0	(4,712)	(4,712)	0	(4,712)	0.00%	VMASC
100090-011	No	NAVSUP FLEET LOGISTICS CENTER NORFOLK	MCCLESKEY, KEVIN	0	0	0	(2,535)	(2,535)	0	(2,535)	0.00%	VMASC
100090-030	No	NAVSUP FLEET LOGISTICS CENTER NORFOLK	MCCLESKEY, KEVIN	0	0	0	(3,355)	(3,355)	0	(3,355)	0.00%	VMASC
300639-010	13%	OLD DOMINION UNIVERSITY	NIELSEN, ALEX	2,448	0	0	0	2,448	0	2,448	0.00%	VMASC
300675-010	20%	OLD DOMINION UNIVERSITY	NIELSEN, ALEX	1,753	0	0	0	1,753	0	1,753	0.00%	VMASC
400456-010	No	CENTER FOR MIND AND CULTURE	NIELSEN, ALEX	17,442	833	0	0	18,275	2,741	21,016	15.00%	VMASC
500375-009	80%	CAMBER CORPORATION	NIELSEN, ALEX	30,268	0	0	0	30,268	19,674	49,942	65.00%	VMASC
500375-010	80%	CAMBER CORPORATION	NIELSEN, ALEX	24,908	0	0	0	24,908	16,191	41,099	65.00%	VMASC
500375-011	80%	CAMBER CORPORATION	NIELSEN, ALEX	72,559	0	0	0	72,559	47,163	119,722	65.00%	VMASC
300328-010	No	NORFOLK STATE UNIVERSITY	PADILLA, JOSE	0	0	0	301	301	0	301	0.00%	VMASC
300543-010	25%	OLD DOMINION UNIVERSITY	PADILLA, JOSE	55,474	11,721	0	8,464	75,659	36,958	112,617	48.85%	VMASC
600225-010	15%	NATO	PADILLA, JOSE	0	0	0	721	721	397	1,118	55.06%	VMASC
100601-010	25%	U.S. DEPARTMENT OF EDUCATION	PAPELIS, YIANNIS	10,828	0	0	731	11,559	2,815	14,374	24.35%	VMASC
300518-010	50%	OLD DOMINION UNIVERSITY	PAPELIS, YIANNIS	5,680	0	0	414	6,094	240	6,334	3.94%	VMASC
300556-010	No	VA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY	PAPELIS, YIANNIS	39,422	3,615	0	0	43,037	0	43,037	0.00%	VMASC

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500396-001	No	MANTECH	PAPELIS, YIANNIS	139,781	0	0	0	139,781	90,858	230,639	65.00%	VMASC
100888-010	25%	NATIONAL ENDOWMENT FOR THE HUMANITIES	RECHOWICZ, KRZYSZTOF	3,822	0	0	0	3,822	1,223	5,045	32.00%	VMASC
300545-010	80%	OLD DOMINION UNIVERSITY	RECHOWICZ, KRZYSZTOF	316,830	42,800	0	248,782	608,412	0	608,412	0.00%	VMASC
300639-010	13%	OLD DOMINION UNIVERSITY	RECHOWICZ, KRZYSZTOF	2,448	0	0	0	2,448	0	2,448	0.00%	VMASC
300651-010	No	OLD DOMINION UNIVERSITY	RECHOWICZ, KRZYSZTOF	17,393	0	0	0	17,393	0	17,393	0.00%	VMASC
300652-010	No	OLD DOMINION UNIVERSITY	RECHOWICZ, KRZYSZTOF	18,485	0	0	0	18,485	0	18,485	0.00%	VMASC
400439-010	50%	JOHN TEMPLETON FOUNDATION	RECHOWICZ, KRZYSZTOF	47,600	16,668	0	753,522	817,790	9,640	827,430	1.18%	VMASC
500368-010	No	PREVAILANCE, INC.	RECHOWICZ, KRZYSZTOF	78	0	0	0	78	0	78	0.00%	VMASC
500368-030	No	PREVAILANCE, INC.	RECHOWICZ, KRZYSZTOF	11,057	0	0	511	11,568	7,519	19,087	65.00%	VMASC
500379-020	20%	D'ANGELO TECHNOLOGIES LLC	RECHOWICZ, KRZYSZTOF	17,839	444	0	0	18,283	11,884	30,167	65.00%	VMASC
500434-001	30%	CIRCADENCE	RECHOWICZ, KRZYSZTOF	25,555	0	0	0	25,555	16,611	42,166	65.00%	VMASC
600225-010	25%	NATO	RECHOWICZ, KRZYSZTOF	0	0	0	1,202	1,202	661	1,863	54.99%	VMASC
200343-010	No	VIRGINIA DEPARTMENT OF EMERGENCY MANAGEMENT	ROBINSON, ROBERT	73,133	0	0	0	73,133	40,223	113,356	55.00%	VMASC
300462-020	No	OLD DOMINION UNIVERSITY	ROBINSON, ROBERT	4,001	11,250	0	122,385	137,636	0	137,636	0.00%	VMASC
300592-010	20%	OLD DOMINION UNIVERSITY	ROBINSON, ROBERT	112,403	9,566	0	0	121,969	0	121,969	0.00%	VMASC
100888-010	25%	NATIONAL ENDOWMENT FOR THE HUMANITIES	SHULL, JOHN	3,822	0	0	0	3,822	1,223	5,045	32.00%	VMASC
300568-010	No	OLD DOMINION UNIVERSITY	SHULL, JOHN	37,627	0	0	0	37,627	0	37,627	0.00%	VMASC
300675-010	20%	OLD DOMINION UNIVERSITY	SHULL, JOHN	1,753	0	0	0	1,753	0	1,753	0.00%	VMASC
400455-010	No	CENTER FOR MIND AND CULTURE	SHULL, JOHN	42,676	9,674	23,293	0	75,643	7,852	83,495	10.38%	VMASC
500391-010	20%	CAMBER CORPORATION	SHULL, JOHN	0	0	0	2,494	2,494	1,621	4,115	65.00%	VMASC
100790-011	10%	NAVAL SEA SYSTEMS COMMAND	SMITH, KATHERINE	9,356	8	0	(50)	9,314	6,086	15,400	65.34%	VMASC
200345-010	40%	NEWPORT NEWS PUBLIC SCHOOLS	SMITH, KATHERINE	5,459	0	0	0	5,459	3,002	8,461	54.99%	VMASC
300658-010	33%	OLD DOMINION UNIVERSITY	SMITH, KATHERINE	8,469	0	0	0	8,469	0	8,469	0.00%	VMASC
300671-010	25%	OLD DOMINION UNIVERSITY	SMITH, KATHERINE	1,257	0	0	0	1,257	0	1,257	0.00%	VMASC
500435-010	50%	VALKYRIE ENTERPRISES, INC.	SMITH, KATHERINE	91,306	0	0	0	91,306	59,349	150,655	65.00%	VMASC
500442-010	No	TED TEXT LLC	SMITH, KATHERINE	35,545	0	0	0	35,545	23,104	58,649	65.00%	VMASC
100105-020	No	NAVSUP FLEET LOGISTICS CENTER NORFOLK	SOKOLOWSKI, JOHN	0	0	0	0	0	(1)	(1)	0.00%	VMASC
100647-010	No	NAVSUP FLEET LOGISTICS CENTER NORFOLK	WEISEL, ERIC	0	0	0	13,929	13,929	5,014	18,943	36.00%	VMASC
100830-010	No	NORFOLK NAVAL SHIPYARD	WEISEL, ERIC	0	3,119	0	0	3,119	998	4,117	32.00%	VMASC
100834-010	No	NAVSUP FLEET LOGISTICS CENTER NORFOLK	WEISEL, ERIC	7,259	0	0	454,291	461,550	(4,806)	456,744	-1.04%	VMASC
200302-010	No	VA DEPARTMENT OF ECONOMIC DEVELOPMENT	WEISEL, ERIC	367,065	0	0	0	367,065	39,766	406,831	10.83%	VMASC
200302-030	No	VA DEPARTMENT OF ECONOMIC DEVELOPMENT	WEISEL, ERIC	0	26,000	0	0	26,000	2,817	28,817	10.83%	VMASC
300592-010	20%	OLD DOMINION UNIVERSITY	WEISEL, ERIC	112,403	9,566	0	0	121,969	0	121,969	0.00%	VMASC
400193-000	No	NONE	WEISEL, ERIC	0	5,346	0	0	5,346	0	5,346	0.00%	VMASC
500339-010	No	OCEAN BAY, LLC	WEISEL, ERIC	500	0	0	0	500	275	775	55.00%	VMASC
500379-010	No	D'ANGELO TECHNOLOGIES LLC	WEISEL, ERIC	0	0	0	3,394	3,394	2,206	5,600	65.00%	VMASC
500379-020	50%	D'ANGELO TECHNOLOGIES LLC	WEISEL, ERIC	44,598	1,110	0	0	45,708	29,709	75,417	65.00%	VMASC
500422-010	No	LOCKWOOD HILLS FEDERAL LLC	WEISEL, ERIC	8,174	0	0	9	8,183	5,320	13,503	65.01%	VMASC
500434-001	10%	CIRCADENCE	WEISEL, ERIC	8,518	0	0	0	8,518	5,537	14,055	65.00%	VMASC
	TOTAL VIRGINIA MODELING AND SIMULATION CENTER (VMASC)			**3,613,922**	**493,133**	**24,643**	**2,305,646**	**6,437,344**	**1,240,416**	**7,677,760**	**19.27%**	
CENTER FOR CYBERSECURITY (CYBER)												
100723-010	33%	NATIONAL SCIENCE FOUNDATION	PURWANTO, WIRAWAN	22,417	1,711	0	264	24,392	13,271	37,663	54.41%	CYBER
100839-010	34%	OFFICE OF NAVAL RESEARCH	WU, HONGYI	16,073	0	0	3,214	19,287	8,840	28,127	45.83%	CYBER
100880-010	25%	NATIONAL SECURITY AGENCY	WU, HONGYI	2,034	0	0	9,974	12,008	1,118	13,126	9.31%	CYBER
	TOTAL CENTER FOR CYBERSECURITY (CYBER)			**40,524**	**1,711**	**0**	**13,452**	**55,687**	**23,229**	**78,916**	**41.71%**	
INSTITUTE FOR INNOVATION & ENTREPRENEURSHIP												
500015-010	No	FLOAT FIRST	BRINKER, JEROME	0	0	0	(2,868)	(2,868)	0	(2,868)	0.00%	TRAD
500289-010	No	MACK OWENS	BRINKER, JEROME	0	0	0	(492)	(492)	(128)	(620)	26.02%	TRAD
100414-070	No	SMALL BUSINESS ADMINISTRATION	KASZUBOWSKI, MARTIN	0	0	0	(466)	(466)	0	(466)	0.00%	TRAD
300420-040	No	VA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY	KASZUBOWSKI, MARTIN	0	12,718	0	0	12,718	3,179	15,897	25.00%	TRAD
300420-050	No	VA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY	KASZUBOWSKI, MARTIN	0	800	0	0	800	200	1,000	25.00%	TRAD

SCHEDULE 4

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

SPONSORED PROGRAM ACTIVITY BY INDIVIDUAL PROJECT

(MEASURED BY EXPENDITURES INCURRED)

FOR FISCAL YEAR 2021

PROJECT NUMBER	SPLIT	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	STIPENDS, SUBCONTRACTS, TUITION, OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	ENTERPRISE CODE
400437-010	50%	AMERICAN COUNCIL OF INTERNATIONAL EDUCATION	KASZUBOWSKI, MARTIN	0	3,329	0	0	3,329	499	3,828	14.99%	TRAD
100694-030	No	SMALL BUSINESS ADMINISTRATION	NUNNERY, JOHN	27,662	11,239	0	0	38,901	10,114	49,015	26.00%	TRAD
100694-040	No	SMALL BUSINESS ADMINISTRATION	NUNNERY, JOHN	58,236	22	0	0	58,258	15,147	73,405	26.00%	TRAD
100713-020	No	SMALL BUSINESS ADMINISTRATION	NUNNERY, JOHN	0	(2,494)	0	0	(2,494)	(648)	(3,142)	25.98%	TRAD
100713-030	No	SMALL BUSINESS ADMINISTRATION	NUNNERY, JOHN	304,425	6,167	0	0	310,592	80,754	391,346	26.00%	TRAD
100713-040	No	SMALL BUSINESS ADMINISTRATION	NUNNERY, JOHN	48,824	142	0	0	48,966	12,731	61,697	26.00%	TRAD
100818-010	No	ECONOMIC DEVELOPMENT ADMINISTRATION (EDA)	NUNNERY, JOHN	(2,208)	0	0	0	(2,208)	(574)	(2,782)	26.00%	TRAD
100852-010	No	SMALL BUSINESS ADMINISTRATION	NUNNERY, JOHN	120,382	69,931	0	0	190,313	49,481	239,794	26.00%	TRAD
200280-010	No	GOVERNOR'S OFFICE	NUNNERY, JOHN	21,833	101,165	0	0	122,998	0	122,998	0.00%	TRAD
200280-011	No	GOVERNOR'S OFFICE	NUNNERY, JOHN	25,254	9,000	0	0	34,254	0	34,254	0.00%	TRAD
200298-010	No	CRATER PLANNING DISTRICT COMMISSION	NUNNERY, JOHN	(3,049)	232	0	0	(2,817)	(733)	(3,550)	26.02%	TRAD
200298-011	No	CRATER PLANNING DISTRICT COMMISSION	NUNNERY, JOHN	35	43	0	0	78	21	99	26.92%	TRAD
200332-010	40%	VA DEPARTMENT OF ECONOMIC DEVELOPMENT	NUNNERY, JOHN	59,231	240	0	0	59,471	6,542	66,013	11.00%	TRAD
300624-010	90%	HAMPTON UNIVERSITY	NUNNERY, JOHN	172,269	14,371	0	2,295	188,935	48,526	237,461	25.68%	TRAD
400437-010	50%	AMERICAN COUNCIL OF INTERNATIONAL EDUCATION	NUNNERY, JOHN	0	3,329	0	0	3,329	499	3,828	14.99%	TRAD
400449-010	No	URBAN STRATEGIES, INC.	NUNNERY, JOHN	0	17,257	0	2,712	19,969	4,487	24,456	22.47%	TRAD
400477-010	No	NEW COLLEGE FOUNDATION	NUNNERY, JOHN	6,972	0	0	0	6,972	2,231	9,203	32.00%	TRAD
500425-001	No	FERGUSON ENTERPRISES, LLC	NUNNERY, JOHN	6,834	0	0	(1)	6,833	2,724	9,557	39.87%	TRAD
600234-010	No	NATO	NUNNERY, JOHN	27,199	5,167	0	2,054	34,420	8,415	42,835	24.45%	TRAD
600235-010	No	NATO	NUNNERY, JOHN	18,400	12,500	0	7,875	38,775	20,226	59,001	52.16%	TRAD
400441-010	No	COASTAL COMMUNITY RESILIENCE, INC.	PERKINS, DAVID	(5,000)	0	0	0	(5,000)	0	(5,000)	0.00%	TRAD
400441-020	No	COASTAL COMMUNITY RESILIENCE, INC.	PERKINS, DAVID	1,473	0	0	0	1,473	0	1,473	0.00%	TRAD
100818-010	No	ECONOMIC DEVELOPMENT ADMINISTRATION (EDA)	STEINHILBER, EMILY	57,348	0	0	0	57,348	14,910	72,258	26.00%	TRAD
		TOTAL INSTITUTE FOR INNOVATION & ENTREPRENEURSHIP		**946,120**	**265,158**	**0**	**11,109**	**1,222,387**	**278,603**	**1,500,990**	**22.79%**	
VIRGINIA TIDEWATER CONSORTIUM FOR HIGHER EDUCATION												
100618-010	No	U.S. DEPARTMENT OF EDUCATION	DOTOLO, LAWRENCE	443,275	87,059	0	0	530,334	40,964	571,298	7.72%	TRAD
		TOTAL VIRGINIA TIDEWATER CONSORTIUM FOR HIGHER EDUCATION		**443,275**	**87,059**	**0**	**0**	**530,334**	**40,964**	**571,298**	**7.72%**	
GRADUATE SCHOOL												
200307-010	50%	VA DEPARTMENT OF MOTOR VEHICLES	PORTER, BRYAN	11,932	12,500	0	21,584	46,016	6,352	52,368	13.80%	TRAD
200308-010	50%	VA DEPARTMENT OF MOTOR VEHICLES	PORTER, BRYAN	6,667	0	0	0	6,667	1,734	8,401	26.01%	TRAD
200335-010	34%	VA DEPARTMENT OF MOTOR VEHICLES	PORTER, BRYAN	4,193	1,923	0	0	6,116	1,590	7,706	26.00%	TRAD
200336-010	50%	VA DEPARTMENT OF MOTOR VEHICLES	PORTER, BRYAN	12,213	6,805	0	0	19,018	4,945	23,963	26.00%	TRAD
400462-010	50%	MOTHERS AGAINST DRUNK DRIVING (MADD)	PORTER, BRYAN	5,577	875	0	0	6,452	3,548	10,000	54.99%	TRAD
300051-080	No	OLD DOMINION UNIVERSITY	STUDIVANT, PASSION	3,603	0	0	0	3,603	288	3,891	7.99%	TRAD
300051-090	No	OLD DOMINION UNIVERSITY	STUDIVANT, PASSION	68,555	16,876	0	4,650	90,081	6,834	96,915	7.59%	TRAD
300614-010	No	OLD DOMINION UNIVERSITY	STUDIVANT, PASSION	237,363	3,307	0	24,200	264,870	19,254	284,124	7.27%	TRAD
		TOTAL GRADUATE SCHOOL		**350,103**	**42,286**	**0**	**50,434**	**442,823**	**44,545**	**487,368**	**10.06%**	
UNIVERSITY LIBRARIES												
400469-010	50%	AMERICAN LIBRARY ASSOCATION	FRAZER, STUART	0	39	0	200	239	0	239	0.00%	TRAD
400469-010	50%	AMERICAN LIBRARY ASSOCATION	MCINNIS, JOLEEN	0	39	0	200	239	0	239	0.00%	TRAD
		TOTAL UNIVERSITY LIBRARIES		**0**	**78**	**0**	**400**	**478**	**0**	**478**	**0.00%**	
MISCELLANEOUS ODU UNITS												
300559-010	No	OLD DOMINION UNIVERSITY	DEAVER, GREGORY	5,284	0	0	0	5,284	0	5,284	0.00%	TRAD
300434-010	No	OLD DOMINION UNIVERSITY	LOVE, LILA	257,740	7,410	0	48,938	314,088	21,212	335,300	6.75%	TRAD
		TOTAL MISCELLANEOUS ODU UNITS		**263,024**	**7,410**	**0**	**48,938**	**319,372**	**21,212**	**340,584**	**6.64%**	
MISCELLANEOUS ODU UNITS - CENTER FOR CYBERSECURITY (CYBER)												
100675-010	No	NATIONAL SCIENCE FOUNDATION	PAYNE, BRIAN	15,745	0	0	1,000	16,745	8,660	25,405	51.72%	CYBER
100709-010	20%	NATIONAL SCIENCE FOUNDATION	PAYNE, BRIAN	3,490	1,000	0	29,331	33,821	2,470	36,291	7.30%	CYBER

SCHEDULE 4

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

SPONSORED PROGRAM ACTIVITY BY INDIVIDUAL PROJECT

(MEASURED BY EXPENDITURES INCURRED)

FOR FISCAL YEAR 2021

PROJECT NUMBER	SPLIT	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	STIPENDS, SUBCONTRACTS, TUITION, OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	ENTERPRISE CODE
100745-010	25%	NATIONAL SCIENCE FOUNDATION	PAYNE, BRIAN	2,478	0	0	0	2,478	1,363	3,841	55.00%	CYBER
100814-010	65%	NATIONAL SCIENCE FOUNDATION	PAYNE, BRIAN	41,525	23,638	0	0	65,163	35,840	101,003	55.00%	CYBER
100856-010	20%	NATIONAL SCIENCE FOUNDATION	PAYNE, BRIAN	6,103	0	0	1,500	7,603	3,356	10,959	44.14%	CYBER
100892-010	80%	NATIONAL SCIENCE FOUNDATION	PAYNE, BRIAN	19,440	0	0	0	19,440	10,692	30,132	55.00%	CYBER
		TOTAL MISCELLANEOUS ODU UNITS - CENTER FOR CYBERSECURITY (CYBER)		**88,781**	**24,638**	**0**	**31,831**	**145,250**	**62,381**	**207,631**	**42.95%**	
SELF-SUPPORTING RESEARCH PROFESSIONAL (SSRP)												
200107-010	No	MARYLAND DEPARTMENT OF NATURAL RESOURCES	ASHFORD, JULIAN	0	0	0	(1,149)	(1,149)	0	(1,149)	0.00%	SSRP
		TOTAL SELF-SUPPORTING RESEARCH PROFESSIONAL (SSRP)		**0**	**0**	**0**	**(1,149)**	**(1,149)**	**0**	**(1,149)**	**0.00%**	
VIRGINIA SPACE GRANT CONSORTIUM (VSGC)												
100607-010	No	NATIONAL SCIENCE FOUNDATION	CARTER, CHRISTOPHER	2,284	10,516	0	10,462	23,262	3,328	26,590	14.31%	VSGC
100872-010	No	NATIONAL SCIENCE FOUNDATION	CARTER, CHRISTOPHER	16,567	21,426	0	3,499	41,492	9,879	51,371	23.81%	VSGC
300580-010	No	RICHARD BLAND COLLEGE OF WILLIAM AND MARY	CARTER, CHRISTOPHER	12,929	41,375	0	17,946	72,250	14,119	86,369	19.54%	VSGC
100527-010	No	NASA GODDARD SPACEFLIGHT CENTER	SANDY, MARY	12,458	687	0	120,056	133,201	3,417	136,618	2.57%	VSGC
100846-010	No	LANGLEY RESEARCH CENTER	SANDY, MARY	304,796	31,568	0	281,507	617,871	87,455	705,326	14.15%	VSGC
100855-010	No	LANGLEY RESEARCH CENTER	SANDY, MARY	17,212	58,613	0	0	75,825	19,714	95,539	26.00%	VSGC
200005-010	No	STATE COUNCIL FOR HIGHER EDUCATION IN VA (SCHEV)	SANDY, MARY	226,263	63,224	0	25,365	314,852	0	314,852	0.00%	VSGC
200005-011	No	STATE COUNCIL FOR HIGHER EDUCATION IN VA (SCHEV)	SANDY, MARY	68,643	56,605	0	10,540	135,788	0	135,788	0.00%	VSGC
200009-010	No	STATE COUNCIL FOR HIGHER EDUCATION IN VA (SCHEV)	SANDY, MARY	0	0	0	147,534	147,534	0	147,534	0.00%	VSGC
200009-020	No	STATE COUNCIL FOR HIGHER EDUCATION IN VA (SCHEV)	SANDY, MARY	23,825	3,000	0	37,227	64,052	0	64,052	0.00%	VSGC
200278-010	No	STATE COUNCIL FOR HIGHER EDUCATION IN VA (SCHEV)	SANDY, MARY	17,482	13,546	0	29,654	60,682	0	60,682	0.00%	VSGC
200319-010	No	VA DEPARTMENT OF AVIATION	SANDY, MARY	1,836	26,057	0	16,427	44,320	0	44,320	0.00%	VSGC
300030-010	No	UNIVERSITY OF VIRGINIA	SANDY, MARY	70,301	5,671	0	2,412	78,384	0	78,384	0.00%	VSGC
300040-010	No	VA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY	SANDY, MARY	265,892	10,255	0	0	276,147	0	276,147	0.00%	VSGC
300125-010	No	OLD DOMINION UNIVERSITY	SANDY, MARY	148,194	91,587	0	3,070	242,851	0	242,851	0.00%	VSGC
300342-010	No	HAMPTON UNIVERSITY	SANDY, MARY	4,172	(954)	0	0	3,218	837	4,055	26.01%	VSGC
300419-010	No	VIRGINIA COMMUNITY COLLEGE SYSTEM	SANDY, MARY	0	0	0	115,500	115,500	0	115,500	0.00%	VSGC
300423-020	No	OLD DOMINION UNIVERSITY	SANDY, MARY	0	0	0	100	100	0	100	0.00%	VSGC
300462-021	No	OLD DOMINION UNIVERSITY	SANDY, MARY	212	0	0	4,664	4,876	0	4,876	0.00%	VSGC
300597-010	No	OLD DOMINION UNIVERSITY	SANDY, MARY	0	0	0	11,000	11,000	0	11,000	0.00%	VSGC
300598-010	No	OLD DOMINION UNIVERSITY	SANDY, MARY	0	0	0	72,182	72,182	0	72,182	0.00%	VSGC
300604-010	No	VA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY	SANDY, MARY	60,942	0	0	15,941	76,883	0	76,883	0.00%	VSGC
300666-010	No	OLD DOMINION UNIVERSITY	SANDY, MARY	0	0	0	7,000	7,000	0	7,000	0.00%	VSGC
400204-010	No	THE NATIONAL ACADEMIES	SANDY, MARY	213,714	5,380	0	205,075	424,169	56,964	481,133	13.43%	VSGC
		TOTAL VIRGINIA SPACE GRANT CONSORTIUM (VSGC)		**1,467,722**	**438,556**	**0**	**1,137,161**	**3,043,439**	**195,713**	**3,239,152**	**6.43%**	
TOTAL OFFICE OF RESEARCH AND OTHER ODU UNITS				**7,988,421**	**1,506,943**	**39,821**	**3,732,922**	**13,268,107**	**2,402,297**	**15,670,404**	**18.11%**	
GRAND TOTAL				**26,575,123**	**5,146,149**	**710,046**	**8,667,281**	**41,098,599**	**8,651,297**	**49,749,896**	**21.05%**	

SCHEDULE 5

Enterprise Centers Including Projects Reported as

Activity of an Academic Department

Fiscal Year 2021

SCHEDULE 5

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

ENTERPRISE CENTERS INCLUDING PROJECTS REPORTED AS ACTIVITY OF AN ACADEMIC DEPARTMENT

(MEASURED BY EXPENDITURES INCURRED)

FOR FISCAL YEAR 2021

PROJECT NUMBER	SPLIT	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	DEPT	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	STIPENDS, SUBCONTRACTS, TUITION, OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	ENTERPRISE CODE
APPLIED RESEARCH CENTER (ARC)													
300196-010	No	UNIVERSITY OF MARYLAND	BAUMGART, HELMUT	4054	0	0	0	(3,779)	(3,779)	0	(3,779)	0.00%	ARC
400346-026	No	JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	BAUMGART, HELMUT	4054	27,610	0	0	0	27,610	0	27,610	0.00%	ARC
400346-028	No	JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	BAUMGART, HELMUT	4054	22,223	0	0	0	22,223	0	22,223	0.00%	ARC
400346-043	No	JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	BAUMGART, HELMUT	4054	28,218	0	0	0	28,218	0	28,218	0.00%	ARC
300591-010	No	VIRGINIA STATE UNIVERSITY	ELMUSTAFA, ABDELMAGEED	4057	27,423	4,898	0	11,088	43,409	8,403	51,812	19.36%	ARC
100567-020	No	LANGLEY RESEARCH CENTER	ELSAYED-ALI, HANI	4054	1,719	0	0	0	1,719	447	2,166	26.00%	ARC
100674-010	No	NATIONAL SCIENCE FOUNDATION	ELSAYED-ALI, HANI	4054	53,874	6,666	0	0	60,540	33,297	93,837	55.00%	ARC
100886-010	No	FERMI NATIONAL ACCELERATOR LABORATORY	ELSAYED-ALI, HANI	4054	0	0	31,900	0	31,900	0	31,900	0.00%	ARC
300608-010	No	ELIZABETH CITY STATE UNIVERSITY	ELSAYED-ALI, HANI	4054	8,986	0	0	0	8,986	4,942	13,928	55.00%	ARC
400346-011	No	JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	ELSAYED-ALI, HANI	4054	27,618	19,675	21,440	0	68,733	0	68,733	0.00%	ARC
400346-048	No	JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	ELSAYED-ALI, HANI	4054	22,798	0	0	0	22,798	0	22,798	0.00%	ARC
400434-010	No	JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	ELSAYED-ALI, HANI	4054	0	733	0	57	790	0	790	0.00%	ARC
500361-010	No	BLACK LABORATORIES, LLC	ELSAYED-ALI, HANI	4054	0	2,245	0	0	2,245	1,235	3,480	55.01%	ARC
500374-010	No	II-VI INFARED, INC.	ELSAYED-ALI, HANI	4054	0	0	0	4,254	4,254	1,106	5,360	26.00%	ARC
500378-010	No	FACE CONSTRUCTION TECHNOLOGIES	ELSAYED-ALI, HANI	4054	8,978	245	0	0	9,223	5,073	14,296	55.00%	ARC
500405-010	No	MTEQ MANUFACTURING SERVICES	ELSAYED-ALI, HANI	4054	0	0	0	248	248	0	248	0.00%	ARC
500415-010	No	QINETIQ (MTEQ)	ELSAYED-ALI, HANI	4054	0	(2,817)	0	0	(2,817)	0	(2,817)	0.00%	ARC
500415-020	No	QINETIQ (MTEQ)	ELSAYED-ALI, HANI	4054	0	27,300	0	0	27,300	0	27,300	0.00%	ARC
500428-010	No	MIL-SPEC ABRASIVES, LLC	ELSAYED-ALI, HANI	4054	0	0	0	500	500	275	775	55.00%	ARC
500432-010	No	BNNT, LLC	ELSAYED-ALI, HANI	4054	0	375	0	0	375	206	581	54.93%	ARC
500438-010	No	LIFENET	ELSAYED-ALI, HANI	4054	0	484	0	0	484	266	750	54.96%	ARC
500439-010	No	EMBODY	ELSAYED-ALI, HANI	4054	0	475	0	0	475	261	736	54.95%	ARC
B73308-100	No	UNITECH	ELSAYED-ALI, HANI	4054	0	0	0	(1,428)	(1,428)	0	(1,428)	0.00%	ARC
300428-010	50%	COLORADO SCHOOL OF MINES	MARSILLAC, SYLVAIN	4054	0	0	(3,969)	0	(3,969)	0	(3,969)	0.00%	ARC
300436-010	50%	COLORADO SCHOOL OF MINES	MARSILLAC, SYLVAIN	4054	3,622	10,527	0	0	14,149	7,782	21,931	55.00%	ARC
400468-010	50%	JEFFERSON SCIENCE ASSOCIATES, LLC (JEFFERSON LAB)	MARSILLAC, SYLVAIN	4054	7,813	0	0	0	7,813	4,297	12,110	55.00%	ARC
300392-010	No	NORFOLK STATE UNIVERSITY	NAMKOONG, GON	4054	4,201	1,036	0	0	5,237	2,880	8,117	54.99%	ARC
600211-010	No	SAMIL TECH COMPANY, LTD	NAMKOONG, GON	4054	2,021	34	0	0	2,055	0	2,055	0.00%	ARC
		TOTAL APPLIED RESEARCH CENTER (ARC)			**247,104**	**71,876**	**49,371**	**10,940**	**379,291**	**70,470**	**449,761**	**18.58%**	
FRANK REIDY RESEARCH CENTER FOR BIOELECTRICS (CBE)													
500226-006	70%	PULSE BIOSCIENCES (ELECTROBLATE)	BEEBE, STEPHEN	4073	0	0	0	460	460	253	713	55.00%	CBE
500226-013	33%	PULSE BIOSCIENCES (ELECTROBLATE)	BEEBE, STEPHEN	4073	7,201	3,015	0	0	10,216	5,619	15,835	55.00%	CBE
100789-010	No	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	CATRAVAS, JOHN	5056	22,110	(136)	0	0	21,974	12,086	34,060	55.00%	CBE
100875-010	No	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	CATRAVAS, JOHN	5056	148,409	59,679	0	0	208,088	114,448	322,536	55.00%	CBE
100732-010	70%	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	GUO, SIQI	4073	22,571	1,196	0	0	23,767	13,072	36,839	55.00%	CBE
500226-006	30%	PULSE BIOSCIENCES (ELECTROBLATE)	GUO, SIQI	4073	0	0	0	197	197	109	306	55.33%	CBE
500226-011	15%	PULSE BIOSCIENCES (ELECTROBLATE)	GUO, SIQI	4073	0	0	0	(17)	(17)	(9)	(26)	52.94%	CBE
500226-013	33%	PULSE BIOSCIENCES (ELECTROBLATE)	GUO, SIQI	4073	7,201	3,015	0	0	10,216	5,619	15,835	55.00%	CBE
100740-010	50%	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	HELLER, RICHARD	5056	(424)	0	0	0	(424)	(233)	(657)	54.95%	CBE
500226-013	34%	PULSE BIOSCIENCES (ELECTROBLATE)	HELLER, RICHARD	5056	7,420	3,107	0	0	10,527	5,790	16,317	55.00%	CBE
100661-010	No	AIR FORCE RESEARCH LABORATORY	JIANG, CHUNQI	4054	67,339	4,995	0	1,032	73,366	39,784	113,150	54.23%	CBE
100732-010	30%	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	JIANG, CHUNQI	4054	9,673	513	0	0	10,186	5,602	15,788	55.00%	CBE
100740-010	50%	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	JIANG, CHUNQI	4054	(424)	0	0	0	(424)	(233)	(657)	54.95%	CBE
300595-010	No	UNIVERSITY OF SOUTH FLORIDA	JIANG, CHUNQI	4054	51,363	4,457	0	986	56,806	30,700	87,506	54.04%	CBE
500328-010	No	TRANSIENT PLASMA SYSTEMS, INC.	JIANG, CHUNQI	4054	0	0	0	0	0	(171)	(171)	0.00%	CBE
500226-019	90%	PULSE BIOSCIENCES (ELECTROBLATE)	MURATORI, CLAUDIA	4073	92,168	22,066	0	0	114,234	62,828	177,062	55.00%	CBE
500226-020	40%	PULSE BIOSCIENCES (ELECTROBLATE)	MURATORI, CLAUDIA	4073	37,924	7,654	0	0	45,578	25,068	70,646	55.00%	CBE
500226-021	50%	PULSE BIOSCIENCES (ELECTROBLATE)	MURATORI, CLAUDIA	5056	6,581	1,066	0	0	7,647	4,206	11,853	55.00%	CBE

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(MEASURED BY EXPENDITURES INCURRED)

FOR FISCAL YEAR 2021

PROJECT NUMBER	SPLIT	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	DEPT	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	STIPENDS, SUBCONTRACTS, TUITION, OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	ENTERPRISE CODE
100548-010	80%	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	PAKHOMOV, ANDREI	5056	(2,128)	728	0	0	(1,400)	(770)	(2,170)	55.00%	CBE
300345-010	No	OLD DOMINION UNIVERSITY	PAKHOMOV, ANDREI	5056	88,548	9,778	0	45,051	143,377	54,080	197,457	37.72%	CBE
300345-010	No	OLD DOMINION UNIVERSITY	PAKHOMOV, ANDREI	4073	125,870	22,475	0	112,767	261,112	81,590	342,702	31.25%	CBE
500226-018	80%	PULSE BIOSCIENCES (ELECTROBLATE)	PAKHOMOV, ANDREI	5056	60,478	5,296	8,726	0	74,500	36,176	110,676	48.56%	CBE
500226-018	80%	PULSE BIOSCIENCES (ELECTROBLATE)	PAKHOMOV, ANDREI	4073	21,972	328	10,397	0	32,697	12,265	44,962	37.51%	CBE
100548-010	5%	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	PAKHOMOVA, OLGA	9010	(133)	45	0	0	(88)	(48)	(136)	54.55%	CBE
300345-012	No	OLD DOMINION UNIVERSITY	PAKHOMOVA, OLGA	4073	108,938	20,902	0	0	129,840	71,412	201,252	55.00%	CBE
500226-018	20%	PULSE BIOSCIENCES (ELECTROBLATE)	PAKHOMOVA, OLGA	4073	20,612	1,406	4,781	0	26,799	12,110	38,909	45.19%	CBE
500226-019	10%	PULSE BIOSCIENCES (ELECTROBLATE)	PAKHOMOVA, OLGA	4073	10,241	2,452	0	0	12,693	6,981	19,674	55.00%	CBE
500226-021	50%	PULSE BIOSCIENCES (ELECTROBLATE)	PURCELL, ERIN	6082	6,581	1,066	0	0	7,647	4,206	11,853	55.00%	CBE
100548-010	10%	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	SEMENOV, IURII	9010	(266)	91	0	0	(175)	(96)	(271)	54.86%	CBE
100807-010	No	NATIONAL SCIENCE FOUNDATION	SLAUGHTER, GYMAMA	9010	9,947	0	0	0	9,947	5,471	15,418	55.00%	CBE
100809-010	No	NATIONAL SCIENCE FOUNDATION	SLAUGHTER, GYMAMA	9010	22,616	10,379	0	0	32,995	18,147	51,142	55.00%	CBE
100823-010	No	UNITED STATES ARMY MEDICAL RESEARCH AND MATERIEL COMMAND	SLAUGHTER, GYMAMA	9010	55,434	12,379	0	14,320	82,133	35,941	118,074	43.76%	CBE
400474-010	No	BREEDEN-ADAMS FOUNDATION	STACEY, MICHAEL	4073	3,872	6,440	0	0	10,312	0	10,312	0.00%	CBE
300345-013	No	OLD DOMINION UNIVERSITY	VERNIER, PAUL THOMAS	4073	87,024	5,161	0	1,454	93,639	50,702	144,341	54.15%	CBE
300660-010	30%	OLD DOMINION UNIVERSITY	VERNIER, PAUL THOMAS	4073	0	3,027	0	0	3,027	0	3,027	0.00%	CBE
500226-020	60%	PULSE BIOSCIENCES (ELECTROBLATE)	VERNIER, PAUL THOMAS	4073	56,886	11,481	0	0	68,367	37,603	105,970	55.00%	CBE
100548-010	5%	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	XIAO, SHU	4054	(133)	45	0	0	(88)	(48)	(136)	54.55%	CBE
300345-011	No	OLD DOMINION UNIVERSITY	XIAO, SHU	4054	84,279	12,281	46,865	8,521	151,946	53,108	205,054	34.95%	CBE
500226-011	85%	PULSE BIOSCIENCES (ELECTROBLATE)	XIAO, SHU	4054	0	0	0	(95)	(95)	(52)	(147)	54.74%	CBE
		TOTAL FRANK REIDY RESEARCH CENTER FOR BIOELECTRICS (CBE)			**1,239,750**	**236,387**	**70,769**	**184,676**	**1,731,582**	**803,316**	**2,534,898**	**46.39%**	
CENTER FOR BIOELECTRONICS (CBX)													
100804-010	No	NATIONAL SCIENCE FOUNDATION	SLAUGHTER, GYMAMA	4074	34,701	0	0	0	34,701	18,391	53,092	53.00%	CBX
100807-010	No	NATIONAL SCIENCE FOUNDATION	SLAUGHTER, GYMAMA	4074	44,949	13,120	0	0	58,069	31,938	90,007	55.00%	CBX
100809-010	No	NATIONAL SCIENCE FOUNDATION	SLAUGHTER, GYMAMA	4074	0	837	0	0	837	461	1,298	55.08%	CBX
100823-010	No	UNITED STATES ARMY MEDICAL RESEARCH AND MATERIEL COMMAND	SLAUGHTER, GYMAMA	4074	(579)	(680)	0	1	(1,258)	(667)	(1,925)	53.02%	CBX
100893-010	50%	U.S. PUBLIC HEALTH SERVICE (INCLUDING NIH)	SLAUGHTER, GYMAMA	4074	5,801	125	0	5,918	11,844	474	12,318	4.00%	CBX
		TOTAL CENTER FOR BIOELECTRONICS (CBX)			**84,872**	**13,402**	**0**	**5,919**	**104,193**	**50,597**	**154,790**	**48.56%**	
CENTER FOR CYBERSECURITY (CYBER)													
300594-010	20%	OLD DOMINION UNIVERSITY	DICE, TAMMI	3040	5,235	277	0	0	5,512	3,031	8,543	54.99%	CYBER
100648-010	25%	NATIONAL SCIENCE FOUNDATION	HE, WU	2032	0	93	0	1,475	1,568	51	1,619	3.25%	CYBER
100675-010	No	NATIONAL SCIENCE FOUNDATION	PAYNE, BRIAN	9911	15,745	0	0	1,000	16,745	8,660	25,405	51.72%	CYBER
100709-010	20%	NATIONAL SCIENCE FOUNDATION	PAYNE, BRIAN	9910	3,490	1,000	0	29,331	33,821	2,470	36,291	7.30%	CYBER
100745-010	25%	NATIONAL SCIENCE FOUNDATION	PAYNE, BRIAN	9911	2,478	0	0	0	2,478	1,363	3,841	55.00%	CYBER
100814-010	65%	NATIONAL SCIENCE FOUNDATION	PAYNE, BRIAN	9910	41,525	23,638	0	0	65,163	35,840	101,003	55.00%	CYBER
100856-010	20%	NATIONAL SCIENCE FOUNDATION	PAYNE, BRIAN	9910	6,103	0	0	1,500	7,603	3,356	10,959	44.14%	CYBER
100892-010	80%	NATIONAL SCIENCE FOUNDATION	PAYNE, BRIAN	9910	19,440	0	0	0	19,440	10,692	30,132	55.00%	CYBER
100723-010	33%	NATIONAL SCIENCE FOUNDATION	PURWANTO, WIRAWAN	9915	22,417	1,711	0	264	24,392	13,271	37,663	54.41%	CYBER
100745-010	25%	NATIONAL SCIENCE FOUNDATION	WANG, CONG	6093	2,478	0	0	0	2,478	1,363	3,841	55.00%	CYBER
100801-010	No	NATIONAL SCIENCE FOUNDATION	WANG, CONG	6093	28,930	3,230	0	0	32,160	17,688	49,848	55.00%	CYBER
100873-010	33%	NATIONAL SCIENCE FOUNDATION	WANG, CONG	6093	7,515	83	0	1,131	8,729	4,179	12,908	47.87%	CYBER
100612-010	No	NATIONAL SCIENCE FOUNDATION	WU, HONGYI	4054	6,600	884	0	1,454	8,938	4,116	13,054	46.05%	CYBER
100709-010	20%	NATIONAL SCIENCE FOUNDATION	WU, HONGYI	4054	3,490	1,000	0	29,331	33,821	2,470	36,291	7.30%	CYBER
100723-010	34%	NATIONAL SCIENCE FOUNDATION	WU, HONGYI	4054	23,096	1,763	0	272	25,131	13,672	38,803	54.40%	CYBER
100745-010	25%	NATIONAL SCIENCE FOUNDATION	WU, HONGYI	4054	2,478	0	0	0	2,478	1,363	3,841	55.00%	CYBER
100791-010	34%	OFFICE OF NAVAL RESEARCH	WU, HONGYI	4054	0	0	0	52	52	0	52	0.00%	CYBER
100814-010	35%	NATIONAL SCIENCE FOUNDATION	WU, HONGYI	4054	22,360	12,728	0	0	35,088	19,299	54,387	55.00%	CYBER
100839-010	34%	OFFICE OF NAVAL RESEARCH	WU, HONGYI	9915	16,073	0	0	3,214	19,287	8,840	28,127	45.83%	CYBER

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PROJECT NUMBER	SPLIT	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	DEPT	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	STIPENDS, SUBCONTRACTS, TUITION, OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	ENTERPRISE CODE
100856-010	20%	NATIONAL SCIENCE FOUNDATION	WU, HONGYI	4054	6,103	0	0	1,500	7,603	3,356	10,959	44.14%	CYBER
100880-010	25%	NATIONAL SECURITY AGENCY	WU, HONGYI	9915	2,034	0	0	9,974	12,008	1,118	13,126	9.31%	CYBER
100892-010	10%	NATIONAL SCIENCE FOUNDATION	WU, HONGYI	4054	2,430	0	0	0	2,430	1,337	3,767	55.02%	CYBER
100896-010	20%	NATIONAL SECURITY AGENCY	WU, HONGYI	4054	1,684	66	0	0	1,750	962	2,712	54.97%	CYBER
300567-010	15%	OLD DOMINION UNIVERSITY	WU, HONGYI	4054	14,412	3,188	0	8,272	25,872	1,408	27,280	5.44%	CYBER
300594-010	20%	OLD DOMINION UNIVERSITY	WU, HONGYI	4054	5,235	277	0	0	5,512	3,031	8,543	54.99%	CYBER
300623-010	30%	HOWARD UNIVERSITY	WU, HONGYI	4054	16,095	0	0	0	16,095	8,852	24,947	55.00%	CYBER
600230-010	No	NATO	WU, HONGYI	4054	4,485	0	0	0	4,485	2,467	6,952	55.01%	CYBER
100648-010	25%	NATIONAL SCIENCE FOUNDATION	XIN, CHUNSHENG	4054	0	93	0	1,475	1,568	51	1,619	3.25%	CYBER
100680-010	No	NATIONAL SCIENCE FOUNDATION	XIN, CHUNSHENG	4054	8,271	(56)	0	1	8,216	4,518	12,734	54.99%	CYBER
100709-010	40%	NATIONAL SCIENCE FOUNDATION	XIN, CHUNSHENG	4054	6,981	2,000	0	58,661	67,642	4,939	72,581	7.30%	CYBER
100745-010	25%	NATIONAL SCIENCE FOUNDATION	XIN, CHUNSHENG	4054	2,478	0	0	0	2,478	1,363	3,841	55.00%	CYBER
100791-010	33%	OFFICE OF NAVAL RESEARCH	XIN, CHUNSHENG	4054	0	0	0	51	51	0	51	0.00%	CYBER
100838-010	50%	NATIONAL SCIENCE FOUNDATION	XIN, CHUNSHENG	4054	0	1,713	0	8,400	10,113	943	11,056	9.32%	CYBER
100839-010	33%	OFFICE OF NAVAL RESEARCH	XIN, CHUNSHENG	4054	15,600	0	0	3,120	18,720	8,580	27,300	45.83%	CYBER
100856-010	20%	NATIONAL SCIENCE FOUNDATION	XIN, CHUNSHENG	4054	6,103	0	0	1,500	7,603	3,356	10,959	44.14%	CYBER
100880-010	25%	NATIONAL SECURITY AGENCY	XIN, CHUNSHENG	4054	2,034	0	0	9,974	12,008	1,118	13,126	9.31%	CYBER
100892-010	10%	NATIONAL SCIENCE FOUNDATION	XIN, CHUNSHENG	4054	2,430	0	0	0	2,430	1,337	3,767	55.02%	CYBER
100896-010	30%	NATIONAL SECURITY AGENCY	XIN, CHUNSHENG	4054	2,525	98	0	0	2,623	1,443	4,066	55.01%	CYBER
300594-010	30%	OLD DOMINION UNIVERSITY	XIN, CHUNSHENG	4054	7,853	415	0	0	8,268	4,547	12,815	55.00%	CYBER
100856-010	20%	NATIONAL SCIENCE FOUNDATION	ZHAO, DANELLA	6093	6,103	0	0	1,500	7,603	3,356	10,959	44.14%	CYBER
100866-010	No	NATIONAL SCIENCE FOUNDATION	ZHAO, DANELLA	6093	24,228	0	0	2,856	27,084	6,299	33,383	23.26%	CYBER
100880-010	25%	NATIONAL SECURITY AGENCY	ZHAO, DANELLA	6093	2,034	0	0	9,974	12,008	1,118	13,126	9.31%	CYBER
100896-010	30%	NATIONAL SECURITY AGENCY	ZHAO, DANELLA	6093	2,525	98	0	0	2,623	1,443	4,066	55.01%	CYBER
300594-010	30%	OLD DOMINION UNIVERSITY	ZHAO, DANELLA	6093	7,853	415	0	0	8,268	4,547	12,815	55.00%	CYBER
		TOTAL CENTER FOR CYBERSECURITY (CYBER)			**378,949**	**54,714**	**0**	**186,282**	**619,945**	**223,213**	**843,158**	**36.01%**	
SOCIAL SCIENCE RESEARCH CENTER (SSRC)													
200248-010	34%	VIRGINIA OFFICE OF THE ATTORNEY GENERAL	VANDECAR-BURDIN, TANCY	1060	5,960	0	0	0	5,960	1,550	7,510	26.01%	SSRC
200296-020	No	VA DEPARTMENT OF BEHAVIORAL HEALTH AND DEVELOPMENTAL SERVICES	VANDECAR-BURDIN, TANCY	1060	26,452	8,782	0	0	35,234	1,761	36,995	5.00%	SSRC
200296-030	No	VA DEPARTMENT OF BEHAVIORAL HEALTH AND DEVELOPMENTAL SERVICES	VANDECAR-BURDIN, TANCY	1060	707	0	0	0	707	35	742	4.95%	SSRC
200322-010	No	VIRGINIA DEPARTMENT OF SOCIAL SERVICES	VANDECAR-BURDIN, TANCY	1060	4,594	0	0	0	4,594	459	5,053	9.99%	SSRC
200337-010	No	CITY OF VIRGINIA BEACH	VANDECAR-BURDIN, TANCY	1060	1,264	0	0	0	1,264	0	1,264	0.00%	SSRC
200342-010	No	VA DEPARTMENT OF BEHAVIORAL HEALTH AND DEVELOPMENTAL SERVICES	VANDECAR-BURDIN, TANCY	1060	13,016	17,564	0	0	30,580	1,529	32,109	5.00%	SSRC
300356-040	10%	OLD DOMINION UNIVERSITY	VANDECAR-BURDIN, TANCY	1060	2,446	553	0	0	2,999	240	3,239	8.00%	SSRC
300574-010	5%	OLD DOMINION UNIVERSITY	VANDECAR-BURDIN, TANCY	1060	5,687	930	0	0	6,617	529	7,146	7.99%	SSRC
300575-010	No	OLD DOMINION UNIVERSITY	VANDECAR-BURDIN, TANCY	1060	11,955	12,576	0	0	24,531	1,227	25,758	5.00%	SSRC
300577-010	33%	OLD DOMINION UNIVERSITY	VANDECAR-BURDIN, TANCY	1060	3,862	280	0	0	4,142	1,077	5,219	26.00%	SSRC
300600-010	No	OLD DOMINION UNIVERSITY	VANDECAR-BURDIN, TANCY	1060	18,021	300	0	0	18,321	0	18,321	0.00%	SSRC
300670-010	No	OLD DOMINION UNIVERSITY	VANDECAR-BURDIN, TANCY	1060	70	0	0	0	70	0	70	0.00%	SSRC
400447-010	No	CENTER FOR MIND AND CULTURE	VANDECAR-BURDIN, TANCY	1060	4,491	0	0	0	4,491	674	5,165	15.01%	SSRC
400462-010	50%	MOTHERS AGAINST DRUNK DRIVING (MADD)	VANDECAR-BURDIN, TANCY	1060	5,577	875	0	0	6,452	3,548	10,000	54.99%	SSRC
		TOTAL SOCIAL SCIENCE RESEARCH CENTER (SSRC)			**104,102**	**41,860**	**0**	**0**	**145,962**	**12,629**	**158,591**	**8.65%**	
SELF-SUPPORTING RESEARCH PROFESSIONAL (SSRP)													
200107-010	No	MARYLAND DEPARTMENT OF NATURAL RESOURCES	ASHFORD, JULIAN	6085	0	0	0	(1,149)	(1,149)	0	(1,149)	0.00%	SSRP
		TOTAL SELF-SUPPORTING RESEARCH PROFESSIONAL (SSRP)			**0**	**0**	**0**	**(1,149)**	**(1,149)**	**0**	**(1,149)**	**0.00%**	
THE CENTER FOR EDUCATIONAL PARTNERSHIPS (TCEP)													
100835-010	20%	U.S. DEPARTMENT OF EDUCATION	BROBST, JOSEPH	3048	46,873	3,118	0	32,216	82,207	27,495	109,702	33.45%	TCEP
300503-010	No	WESTERN WASHINGTON UNIVERSITY	BROBST, JOSEPH	3048	30,954	185	0	0	31,139	17,127	48,266	55.00%	TCEP

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PROJECT NUMBER	SPLIT	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	DEPT	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	STIPENDS, SUBCONTRACTS, TUITION, OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	ENTERPRISE CODE
300527-010	No	WESTERN WASHINGTON UNIVERSITY	BROBST, JOSEPH	3048	18,744	250	0	0	18,994	10,447	29,441	55.00%	TCEP
300635-010	No	DELAWARE TECHNICAL AND COMMUNITY COLLEGE	BROBST, JOSEPH	3048	11,637	0	0	0	11,637	6,400	18,037	55.00%	TCEP
100721-010	33%	OFFICE OF NAVAL RESEARCH	CHAPPELL MOOTS, SHANAN	3048	5,971	0	0	79,821	85,792	2,149	87,941	2.50%	TCEP
100835-010	20%	U.S. DEPARTMENT OF EDUCATION	CHAPPELL MOOTS, SHANAN	3048	46,873	3,118	0	32,216	82,207	27,495	109,702	33.45%	TCEP
200213-010	50%	CHESAPEAKE PUBLIC SCHOOLS	CHAPPELL MOOTS, SHANAN	3048	(491)	0	0	1,918	1,427	0	1,427	0.00%	TCEP
100721-010	34%	OFFICE OF NAVAL RESEARCH	GARNER, JOANNA	3048	6,151	0	0	82,240	88,391	2,214	90,605	2.50%	TCEP
100835-010	20%	U.S. DEPARTMENT OF EDUCATION	GARNER, JOANNA	3048	46,873	3,118	0	32,216	82,207	27,495	109,702	33.45%	TCEP
100885-010	No	SMITHSONIAN INSTITUTION	GARNER, JOANNA	3048	9,353	0	0	0	9,353	2,432	11,785	26.00%	TCEP
200009-022	No	STATE COUNCIL FOR HIGHER EDUCATION IN VA (SCHEV)	GARNER, JOANNA	3048	0	(200)	0	0	(200)	0	(200)	0.00%	TCEP
200213-010	50%	CHESAPEAKE PUBLIC SCHOOLS	GARNER, JOANNA	3048	(491)	0	0	1,918	1,427	0	1,427	0.00%	TCEP
300557-010	No	OKLAHOMA STATE UNIVERSITY	GARNER, JOANNA	3048	6,467	0	0	0	6,467	1,682	8,149	26.01%	TCEP
300587-010	30%	OLD DOMINION UNIVERSITY	GARNER, JOANNA	3048	677	5,370	0	14,790	20,837	0	20,837	0.00%	TCEP
300587-020	30%	OLD DOMINION UNIVERSITY	GARNER, JOANNA	3048	6,612	0	0	149	6,761	0	6,761	0.00%	TCEP
400444-010	No	NATIONAL INVENTORS HALL OF FAME	GARNER, JOANNA	3048	4,721	0	0	0	4,721	708	5,429	15.00%	TCEP
400470-010	No	NATIONAL INVENTORS HALL OF FAME	GARNER, JOANNA	3048	11,766	0	0	0	11,766	6,471	18,237	55.00%	TCEP
500430-010	No	BIOSTL STEM COACHING, LLC, DBA: SCIENCE COACH	GARNER, JOANNA	3048	2,328	0	0	30	2,358	353	2,711	14.97%	TCEP
100721-010	33%	OFFICE OF NAVAL RESEARCH	LONEY, MELANI	3048	5,971	0	0	79,821	85,792	2,149	87,941	2.50%	TCEP
100835-010	20%	U.S. DEPARTMENT OF EDUCATION	LONEY, MELANI	3048	46,873	3,118	0	32,216	82,207	27,495	109,702	33.45%	TCEP
200290-010	70%	YORK COUNTY SCHOOLS	LONEY, MELANI	3048	16,109	57	0	0	16,166	808	16,974	5.00%	TCEP
300587-010	40%	OLD DOMINION UNIVERSITY	LONEY, MELANI	3048	903	7,161	0	19,719	27,783	0	27,783	0.00%	TCEP
300587-020	40%	OLD DOMINION UNIVERSITY	LONEY, MELANI	3048	8,816	0	0	198	9,014	0	9,014	0.00%	TCEP
100835-010	20%	U.S. DEPARTMENT OF EDUCATION	WEBSTER, HALLDORA	3048	46,873	3,118	0	32,216	82,207	27,495	109,702	33.45%	TCEP
200290-010	30%	YORK COUNTY SCHOOLS	WEBSTER, HALLDORA	3048	6,904	24	0	0	6,928	346	7,274	4.99%	TCEP
300587-010	30%	OLD DOMINION UNIVERSITY	WEBSTER, HALLDORA	3048	677	5,370	0	14,790	20,837	0	20,837	0.00%	TCEP
300587-020	30%	OLD DOMINION UNIVERSITY	WEBSTER, HALLDORA	3048	6,612	0	0	149	6,761	0	6,761	0.00%	TCEP
TOTAL THE CENTER FOR EDUCATIONAL PARTNERSHIPS (TCEP)					**394,756**	**33,807**	**0**	**456,623**	**885,186**	**190,761**	**1,075,947**	**21.55%**	
VIRGINIA MODELING AND SIMULATION CENTER (VMASC)													
300675-010	10%	OLD DOMINION UNIVERSITY	AGGARWAL, PRIYANKA	4071	876	0	0	0	876	0	876	0.00%	VMASC
100790-011	5%	NAVAL SEA SYSTEMS COMMAND	AMASON, DARRYL	4071	4,678	4	0	(25)	4,657	3,043	7,700	65.34%	VMASC
300592-010	20%	OLD DOMINION UNIVERSITY	AMASON, DARRYL	4071	112,403	9,566	0	0	121,969	0	121,969	0.00%	VMASC
300639-010	30%	OLD DOMINION UNIVERSITY	AMASON, DARRYL	4071	5,650	0	0	0	5,650	0	5,650	0.00%	VMASC
500379-020	10%	D'ANGELO TECHNOLOGIES LLC	AMASON, DARRYL	4071	8,920	222	0	0	9,142	5,942	15,084	65.00%	VMASC
500390-010	60%	ALEX – ALTERNATIVE EXPERTS, LLC	AMASON, DARRYL	4071	1,248	0	0	0	1,248	811	2,059	64.98%	VMASC
500435-010	20%	VALKYRIE ENTERPRISES, INC.	AMASON, DARRYL	4071	36,522	0	0	0	36,522	23,739	60,261	65.00%	VMASC
300543-010	20%	OLD DOMINION UNIVERSITY	BARRACO, ANTHONY	4071	44,379	9,378	0	6,771	60,528	29,566	90,094	48.85%	VMASC
600201-010	30%	UNIVERSITY OF AGDER	BARRACO, ANTHONY	4071	(118)	(5)	0	0	(123)	(68)	(191)	55.28%	VMASC
100824-010	50%	NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION	BEHR, JOSHUA	4071	14,489	19,782	0	359	34,630	18,849	53,479	54.43%	VMASC
100883-010	25%	U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT	BEHR, JOSHUA	4071	12,440	4,609	0	0	17,049	9,377	26,426	55.00%	VMASC
100890-010	34%	NATIONAL SCIENCE FOUNDATION	BEHR, JOSHUA	4071	7,224	17	0	0	7,241	1,883	9,124	26.00%	VMASC
200334-010	25%	VIRGINIA DEPARTMENT OF EMERGENCY MANAGEMENT	BEHR, JOSHUA	4071	15,718	18,475	0	0	34,193	18,806	52,999	55.00%	VMASC
300492-010	34%	OLD DOMINION UNIVERSITY	BEHR, JOSHUA	9010	0	0	0	187	187	0	187	0.00%	VMASC
300543-010	15%	OLD DOMINION UNIVERSITY	BEHR, JOSHUA	4071	33,284	7,033	0	5,079	45,396	22,175	67,571	48.85%	VMASC
300545-010	20%	OLD DOMINION UNIVERSITY	BOWLES, DAVID	4071	79,207	10,700	0	62,196	152,103	0	152,103	0.00%	VMASC
300583-010	No	OLD DOMINION UNIVERSITY	BOWLES, DAVID	4071	(1,108)	0	0	0	(1,108)	0	(1,108)	0.00%	VMASC
300650-010	No	OLD DOMINION UNIVERSITY	BOWLES, DAVID	4071	9,984	1,938	0	0	11,922	0	11,922	0.00%	VMASC
300661-010	No	OLD DOMINION UNIVERSITY	BOWLES, DAVID	4071	1,024	0	0	0	1,024	0	1,024	0.00%	VMASC
400448-010	No	MITRE CORPORATION	BOWLES, DAVID	4071	5,321	0	0	15	5,336	2,934	8,270	54.99%	VMASC
100790-010	18%	NAVAL SEA SYSTEMS COMMAND	COLLINS, ANDREW	4071	17,969	69	0	0	18,038	11,725	29,763	65.00%	VMASC
100790-011	10%	NAVAL SEA SYSTEMS COMMAND	COLLINS, ANDREW	4071	9,356	8	0	(50)	9,314	6,086	15,400	65.34%	VMASC
500391-010	20%	CAMBER CORPORATION	CVEJETIC, BRATISLAV	9010	0	0	0	2,494	2,494	1,621	4,115	65.00%	VMASC

SCHEDULE 5

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

ENTERPRISE CENTERS INCLUDING PROJECTS REPORTED AS ACTIVITY OF AN ACADEMIC DEPARTMENT

(MEASURED BY EXPENDITURES INCURRED)

FOR FISCAL YEAR 2021

PROJECT NUMBER	SPLIT	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	DEPT	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	STIPENDS, SUBCONTRACTS, TUITION, OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	ENTERPRISE CODE
500055-010	No	MYMIC LLC	DE LEO, GIANLUCA	5056	0	0	0	(27,653)	(27,653)	0	(27,653)	0.00%	VMASC
300592-010	20%	OLD DOMINION UNIVERSITY	DIALLO, SAIKOU	4071	112,403	9,566	0	0	121,969	0	121,969	0.00%	VMASC
400432-010	50%	MITRE CORPORATION	DIALLO, SAIKOU	4071	7,127	0	0	(1)	7,126	3,920	11,046	55.01%	VMASC
400439-010	50%	JOHN TEMPLETON FOUNDATION	DIALLO, SAIKOU	4071	47,600	16,668	0	753,522	817,790	9,640	827,430	1.18%	VMASC
500375-001	50%	CAMBER CORPORATION	DIALLO, SAIKOU	9010	0	0	0	2,797	2,797	1,818	4,615	65.00%	VMASC
500375-003	50%	CAMBER CORPORATION	DIALLO, SAIKOU	9010	0	0	0	1	1	0	1	0.00%	VMASC
500375-005	50%	CAMBER CORPORATION	DIALLO, SAIKOU	9010	0	0	0	81	81	52	133	64.20%	VMASC
500375-006	50%	CAMBER CORPORATION	DIALLO, SAIKOU	4071	0	0	0	1,506	1,506	978	2,484	64.94%	VMASC
500375-007	50%	CAMBER CORPORATION	DIALLO, SAIKOU	4071	0	0	0	10,618	10,618	6,901	17,519	64.99%	VMASC
500375-008	50%	CAMBER CORPORATION	DIALLO, SAIKOU	4071	0	0	0	1,849	1,849	1,202	3,051	65.01%	VMASC
500391-010	20%	CAMBER CORPORATION	DIALLO, SAIKOU	9010	0	0	0	2,494	2,494	1,621	4,115	65.00%	VMASC
500395-010	No	KADSCI	DIALLO, SAIKOU	4071	0	0	0	0	0	(1)	(1)	0.00%	VMASC
500400-011	50%	UNITED NETWORK FOR ORGAN SHARING (UNOS)	DIALLO, SAIKOU	4071	56,027	2,176	0	0	58,203	32,012	90,215	55.00%	VMASC
600201-010	30%	UNIVERSITY OF AGDER	DIALLO, SAIKOU	9010	(118)	(5)	0	0	(123)	(68)	(191)	55.28%	VMASC
100883-010	25%	U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT	DIAZ, RAFAEL	4071	12,440	4,609	0	0	17,049	9,377	26,426	55.00%	VMASC
100890-010	33%	NATIONAL SCIENCE FOUNDATION	DIAZ, RAFAEL	4071	7,012	17	0	0	7,029	1,827	8,856	25.99%	VMASC
200334-010	25%	VIRGINIA DEPARTMENT OF EMERGENCY MANAGEMENT	DIAZ, RAFAEL	4071	15,718	18,475	0	0	34,193	18,806	52,999	55.00%	VMASC
300658-010	34%	OLD DOMINION UNIVERSITY	DIAZ, RAFAEL	4071	8,725	0	0	0	8,725	0	8,725	0.00%	VMASC
300671-010	25%	OLD DOMINION UNIVERSITY	DIAZ, RAFAEL	4071	1,257	0	0	0	1,257	0	1,257	0.00%	VMASC
100837-010	No	JOINT NON-LETHAL WEAPONS DIRECTORATE	EZELL, BARRY	4071	0	0	0	4,281	4,281	1,113	5,394	26.00%	VMASC
100841-010	No	JOINT NON-LETHAL WEAPONS DIRECTORATE	EZELL, BARRY	4071	180,397	0	0	0	180,397	18,039	198,436	10.00%	VMASC
100884-010	No	NAVSUP FLEET LOGISTICS CENTER NORFOLK	EZELL, BARRY	4071	4,538	20,311	0	0	24,849	8,946	33,795	36.00%	VMASC
200323-010	No	VIRGINIA DEPARTMENT OF EMERGENCY MANAGEMENT	EZELL, BARRY	9010	54,106	0	0	0	54,106	29,758	83,864	55.00%	VMASC
200324-010	No	HAMPTON ROADS PLANNING DISTRICT COMMISSION	EZELL, BARRY	4071	702	25,000	0	21,401	47,103	6,682	53,785	14.19%	VMASC
200343-011	No	VIRGINIA DEPARTMENT OF EMERGENCY MANAGEMENT	EZELL, BARRY	4071	89,064	0	0	0	89,064	48,985	138,049	55.00%	VMASC
200348-010	34%	VIRGINIA DEPARTMENT OF EMERGENCY MANAGEMENT	EZELL, BARRY	4071	8,057	0	0	0	8,057	2,095	10,152	26.00%	VMASC
300654-010	No	OLD DOMINION UNIVERSITY	EZELL, BARRY	4071	90,525	0	0	0	90,525	0	90,525	0.00%	VMASC
500341-003	No	APPLIED RESEARCH ASSOCIATES, INC.	EZELL, BARRY	9010	0	0	0	1,057	1,057	582	1,639	55.06%	VMASC
500390-010	40%	ALEX – ALTERNATIVE EXPERTS, LLC	EZELL, BARRY	4071	832	0	0	0	832	541	1,373	65.02%	VMASC
500401-010	No	CHESAPEAKE REGIONAL HEALTHCARE	EZELL, BARRY	4071	0	0	0	717	717	186	903	25.94%	VMASC
500433-010	No	LOCKWOOD HILLS FEDERAL LLC	EZELL, BARRY	4071	89,472	649	0	0	90,121	58,579	148,700	65.00%	VMASC
500434-002	No	CIRCADENCE	EZELL, BARRY	4071	0	79,155	0	0	79,155	51,450	130,605	65.00%	VMASC
500434-003	No	CIRCADENCE	EZELL, BARRY	4071	69,134	1,172	0	0	70,306	45,700	116,006	65.00%	VMASC
500434-001	30%	CIRCADENCE	FOYTIK, PETER	4071	25,555	0	0	0	25,555	16,611	42,166	65.00%	VMASC
500543-010	25%	OLD DOMINION UNIVERSITY	FRYDENLUND, ERIKA	4071	55,474	11,721	0	8,464	75,659	36,958	112,617	48.85%	VMASC
300639-010	30%	OLD DOMINION UNIVERSITY	GARCIA, HECTOR	4071	5,650	0	0	0	5,650	0	5,650	0.00%	VMASC
300658-010	33%	OLD DOMINION UNIVERSITY	GARCIA, HECTOR	4071	8,469	0	0	0	8,469	0	8,469	0.00%	VMASC
500391-010	20%	CAMBER CORPORATION	GAY, BRIAN	9010	0	0	0	2,494	2,494	1,621	4,115	65.00%	VMASC
100883-010	25%	U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT	GILES, BRIDGET	4071	12,440	4,609	0	0	17,049	9,377	26,426	55.00%	VMASC
200334-010	25%	VIRGINIA DEPARTMENT OF EMERGENCY MANAGEMENT	GILES, BRIDGET	4071	15,718	18,475	0	0	34,193	18,806	52,999	55.00%	VMASC
100790-010	10%	NAVAL SEA SYSTEMS COMMAND	GORE, ROSS	4071	9,983	39	0	0	10,022	6,514	16,536	65.00%	VMASC
100790-011	5%	NAVAL SEA SYSTEMS COMMAND	GORE, ROSS	4071	4,678	4	0	(25)	4,657	3,043	7,700	65.34%	VMASC
200348-010	33%	VIRGINIA DEPARTMENT OF EMERGENCY MANAGEMENT	GORE, ROSS	4071	7,820	0	0	0	7,820	2,033	9,853	26.00%	VMASC
300675-010	25%	OLD DOMINION UNIVERSITY	GORE, ROSS	4071	2,191	0	0	0	2,191	0	2,191	0.00%	VMASC
500375-001	50%	CAMBER CORPORATION	GORE, ROSS	9010	0	0	0	2,797	2,797	1,818	4,615	65.00%	VMASC
500375-003	50%	CAMBER CORPORATION	GORE, ROSS	9010	0	0	0	1	1	0	1	0.00%	VMASC
500375-005	50%	CAMBER CORPORATION	GORE, ROSS	9010	0	0	0	81	81	52	133	64.20%	VMASC
500375-006	50%	CAMBER CORPORATION	GORE, ROSS	4071	0	0	0	1,506	1,506	978	2,484	64.94%	VMASC
500375-007	50%	CAMBER CORPORATION	GORE, ROSS	4071	0	0	0	10,618	10,618	6,901	17,519	64.99%	VMASC
500375-008	50%	CAMBER CORPORATION	GORE, ROSS	4071	0	0	0	1,849	1,849	1,202	3,051	65.01%	VMASC
500375-009	20%	CAMBER CORPORATION	GORE, ROSS	4071	7,567	0	0	0	7,567	4,918	12,485	64.99%	VMASC

SCHEDULE 5

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FOR FISCAL YEAR 2021

PROJECT NUMBER	SPLIT	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	DEPT	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	STIPENDS, SUBCONTRACTS, TUITION, OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	ENTERPRISE CODE
500375-010	20%	CAMBER CORPORATION	GORE, ROSS	4071	6,227	0	0	0	6,227	4,047	10,274	64.99%	VMASC
500375-011	20%	CAMBER CORPORATION	GORE, ROSS	4071	18,139	0	0	0	18,139	11,791	29,930	65.00%	VMASC
500391-010	20%	CAMBER CORPORATION	GORE, ROSS	9010	0	0	0	2,494	2,494	1,621	4,115	65.00%	VMASC
600201-010	40%	UNIVERSITY OF AGDER	GORE, ROSS	4071	(158)	(6)	0	0	(164)	(90)	(254)	54.88%	VMASC
100134-031	No	NAVSUP FLEET LOGISTICS CENTER NORFOLK	GROSEL, JOSEPH	4071	0	0	0	(49,835)	(49,835)	0	(49,835)	0.00%	VMASC
100134-050	No	NAVSUP FLEET LOGISTICS CENTER NORFOLK	GROSEL, JOSEPH	4071	0	0	0	(95,076)	(95,076)	0	(95,076)	0.00%	VMASC
300579-010	No	OLD DOMINION UNIVERSITY	JOE, MIA	4071	41,163	33,468	0	0	74,631	0	74,631	0.00%	VMASC
200345-010	60%	NEWPORT NEWS PUBLIC SCHOOLS	JOHNSON, JESSICA	4071	8,189	0	0	0	8,189	4,504	12,693	55.00%	VMASC
300639-010	14%	OLD DOMINION UNIVERSITY	JOHNSON, JESSICA	4071	2,637	0	0	0	2,637	0	2,637	0.00%	VMASC
300671-010	25%	OLD DOMINION UNIVERSITY	JOHNSON, JESSICA	4071	1,257	0	0	0	1,257	0	1,257	0.00%	VMASC
400431-010	50%	NEW COLLEGE INSTITUTE	JOHNSON, JESSICA	9010	(1,016)	0	0	0	(1,016)	(264)	(1,280)	25.98%	VMASC
400442-010	No	NATIONAL PARENT TEACHER ASSOCIATION	JOHNSON, JESSICA	9010	0	0	0	1	1	0	1	0.00%	VMASC
500435-010	30%	VALKYRIE ENTERPRISES, INC.	JOHNSON, JESSICA	4071	54,784	0	0	0	54,784	35,610	90,394	65.00%	VMASC
300675-010	20%	OLD DOMINION UNIVERSITY	JORDAN, CRAIG	4071	1,753	0	0	0	1,753	0	1,753	0.00%	VMASC
400432-010	50%	MITRE CORPORATION	JORDAN, CRAIG	4071	7,127	0	0	(1)	7,126	3,920	11,046	55.01%	VMASC
500400-011	50%	UNITED NETWORK FOR ORGAN SHARING (UNOS)	JORDAN, CRAIG	4071	56,027	2,176	0	0	58,203	32,012	90,215	55.00%	VMASC
500400-012	90%	UNITED NETWORK FOR ORGAN SHARING (UNOS)	JORDAN, CRAIG	4071	22,048	0	0	0	22,048	3,215	25,263	14.58%	VMASC
600225-010	20%	NATO	JORDAN, CRAIG	4071	0	0	0	962	962	529	1,491	54.99%	VMASC
300463-020	No	OLD DOMINION UNIVERSITY	KOSTECZKO, JOSEPH	4071	(20,730)	5,748	1,350	0	(13,632)	0	(13,632)	0.00%	VMASC
300628-010	No	OLD DOMINION UNIVERSITY	KOSTECZKO, JOSEPH	4071	71,395	938	0	0	72,333	0	72,333	0.00%	VMASC
300671-010	25%	OLD DOMINION UNIVERSITY	KOSTECZKO, JOSEPH	4071	1,257	0	0	0	1,257	0	1,257	0.00%	VMASC
400431-010	50%	NEW COLLEGE INSTITUTE	KOSTECZKO, JOSEPH	9010	(1,016)	0	0	0	(1,016)	(264)	(1,280)	25.98%	VMASC
100134-009	No	NAVSUP FLEET LOGISTICS CENTER NORFOLK	LANG, THOMAS	4071	0	0	0	(43,359)	(43,359)	0	(43,359)	0.00%	VMASC
100134-017	No	NAVSUP FLEET LOGISTICS CENTER NORFOLK	LANG, THOMAS	4071	0	0	0	(7,474)	(7,474)	0	(7,474)	0.00%	VMASC
100134-023	No	NAVSUP FLEET LOGISTICS CENTER NORFOLK	LANG, THOMAS	4071	0	0	0	(8,635)	(8,635)	0	(8,635)	0.00%	VMASC
100883-010	25%	U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT	LAWSURE, KALEEN	4071	12,440	4,609	0	0	17,049	9,377	26,426	55.00%	VMASC
300656-010	40%	OLD DOMINION UNIVERSITY	LE, TAN	4071	1,141	0	0	0	1,141	0	1,141	0.00%	VMASC
300655-010	No	OLD DOMINION UNIVERSITY	LESLIE, KEVIN	4071	33,305	0	0	0	33,305	0	33,305	0.00%	VMASC
300657-010	95%	OLD DOMINION UNIVERSITY	LU, YAN	4071	5,561	0	0	0	5,561	0	5,561	0.00%	VMASC
100790-010	10%	NAVAL SEA SYSTEMS COMMAND	LYNCH, CHRISTOPHER	4071	9,983	39	0	0	10,022	6,514	16,536	65.00%	VMASC
100790-011	5%	NAVAL SEA SYSTEMS COMMAND	LYNCH, CHRISTOPHER	4071	4,678	4	0	(25)	4,657	3,043	7,700	65.34%	VMASC
200348-010	33%	VIRGINIA DEPARTMENT OF EMERGENCY MANAGEMENT	LYNCH, CHRISTOPHER	4071	7,820	0	0	0	7,820	2,033	9,853	26.00%	VMASC
300675-010	5%	OLD DOMINION UNIVERSITY	LYNCH, CHRISTOPHER	4071	438	0	0	0	438	0	438	0.00%	VMASC
500400-012	10%	UNITED NETWORK FOR ORGAN SHARING (UNOS)	LYNCH, CHRISTOPHER	4071	2,450	0	0	0	2,450	357	2,807	14.57%	VMASC
600225-010	20%	NATO	LYNCH, CHRISTOPHER	4071	0	0	0	962	962	529	1,491	54.99%	VMASC
100090-007	No	NAVSUP FLEET LOGISTICS CENTER NORFOLK	MCCLESKEY, KEVIN	4071	0	0	0	(4,712)	(4,712)	0	(4,712)	0.00%	VMASC
100090-011	No	NAVSUP FLEET LOGISTICS CENTER NORFOLK	MCCLESKEY, KEVIN	4071	0	0	0	(2,535)	(2,535)	0	(2,535)	0.00%	VMASC
100090-030	No	NAVSUP FLEET LOGISTICS CENTER NORFOLK	MCCLESKEY, KEVIN	4071	0	0	0	(3,355)	(3,355)	0	(3,355)	0.00%	VMASC
300380-010	50%	OLD DOMINION UNIVERSITY	NELSON, MICHAEL	6093	0	(2,404)	0	11,755	9,351	0	9,351	0.00%	VMASC
300472-010	No	VA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY	NELSON, MICHAEL	6093	0	5,609	0	0	5,609	3,085	8,694	55.00%	VMASC
600236-010	No	INTERNATIONAL INTERNET PRESERVATION CONS	NELSON, MICHAEL	6093	10,273	0	0	0	10,273	0	10,273	0.00%	VMASC
300639-010	13%	OLD DOMINION UNIVERSITY	NIELSEN, ALEX	4071	2,448	0	0	0	2,448	0	2,448	0.00%	VMASC
300675-010	20%	OLD DOMINION UNIVERSITY	NIELSEN, ALEX	4071	1,753	0	0	0	1,753	0	1,753	0.00%	VMASC
400456-010	No	CENTER FOR MIND AND CULTURE	NIELSEN, ALEX	4071	17,442	833	0	0	18,275	2,741	21,016	15.00%	VMASC
500375-009	80%	CAMBER CORPORATION	NIELSEN, ALEX	4071	30,268	0	0	0	30,268	19,674	49,942	65.00%	VMASC
500375-010	80%	CAMBER CORPORATION	NIELSEN, ALEX	4071	24,908	0	0	0	24,908	16,191	41,099	65.00%	VMASC
500375-011	80%	CAMBER CORPORATION	NIELSEN, ALEX	4071	72,559	0	0	0	72,559	47,163	119,722	65.00%	VMASC
300328-010	No	NORFOLK STATE UNIVERSITY	PADILLA, JOSE	9010	0	0	0	301	301	0	301	0.00%	VMASC
300543-010	25%	OLD DOMINION UNIVERSITY	PADILLA, JOSE	4071	55,474	11,721	0	8,464	75,659	36,958	112,617	48.85%	VMASC
600225-010	15%	NATO	PADILLA, JOSE	4071	0	0	0	721	721	397	1,118	55.06%	VMASC
100601-010	25%	U.S. DEPARTMENT OF EDUCATION	PAPELIS, YIANNIS	4071	10,828	0	0	731	11,559	2,815	14,374	24.35%	VMASC

SCHEDULE 5

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

ENTERPRISE CENTERS INCLUDING PROJECTS REPORTED AS ACTIVITY OF AN ACADEMIC DEPARTMENT

(MEASURED BY EXPENDITURES INCURRED)

FOR FISCAL YEAR 2021

PROJECT NUMBER	SPLIT	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	DEPT	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	STIPENDS, SUBCONTRACTS, TUITION, OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	ENTERPRISE CODE
300518-010	50%	OLD DOMINION UNIVERSITY	PAPELIS, YIANNIS	9010	5,680	0	0	414	6,094	240	6,334	3.94%	VMASC
300556-010	No	VA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY	PAPELIS, YIANNIS	4071	39,422	3,615	0	0	43,037	0	43,037	0.00%	VMASC
500396-001	No	MANTECH	PAPELIS, YIANNIS	4071	139,781	0	0	0	139,781	90,858	230,639	65.00%	VMASC
100888-010	25%	NATIONAL ENDOWMENT FOR THE HUMANITIES	RECHOWICZ, KRZYSZTOF	4071	3,822	0	0	0	3,822	1,223	5,045	32.00%	VMASC
300545-010	80%	OLD DOMINION UNIVERSITY	RECHOWICZ, KRZYSZTOF	4071	316,830	42,800	0	248,782	608,412	0	608,412	0.00%	VMASC
300639-010	13%	OLD DOMINION UNIVERSITY	RECHOWICZ, KRZYSZTOF	4071	2,448	0	0	0	2,448	0	2,448	0.00%	VMASC
300651-010	No	OLD DOMINION UNIVERSITY	RECHOWICZ, KRZYSZTOF	4071	17,393	0	0	0	17,393	0	17,393	0.00%	VMASC
300652-010	No	OLD DOMINION UNIVERSITY	RECHOWICZ, KRZYSZTOF	4071	18,485	0	0	0	18,485	0	18,485	0.00%	VMASC
400439-010	50%	JOHN TEMPLETON FOUNDATION	RECHOWICZ, KRZYSZTOF	4071	47,600	16,668	0	753,522	817,790	9,640	827,430	1.18%	VMASC
500368-010	No	PREVAILANCE, INC.	RECHOWICZ, KRZYSZTOF	4071	78	0	0	0	78	0	78	0.00%	VMASC
500368-030	No	PREVAILANCE, INC.	RECHOWICZ, KRZYSZTOF	9010	11,057	0	0	511	11,568	7,519	19,087	65.00%	VMASC
500379-020	20%	D'ANGELO TECHNOLOGIES LLC	RECHOWICZ, KRZYSZTOF	4071	17,839	444	0	0	18,283	11,884	30,167	65.00%	VMASC
500434-001	30%	CIRCADENCE	RECHOWICZ, KRZYSZTOF	4071	25,555	0	0	0	25,555	16,611	42,166	65.00%	VMASC
600225-010	25%	NATO	RECHOWICZ, KRZYSZTOF	4071	0	0	0	1,202	1,202	661	1,863	54.99%	VMASC
200343-010	No	VIRGINIA DEPARTMENT OF EMERGENCY MANAGEMENT	ROBINSON, ROBERT	4071	73,133	0	0	0	73,133	40,223	113,356	55.00%	VMASC
300462-020	No	OLD DOMINION UNIVERSITY	ROBINSON, ROBERT	4071	4,001	11,250	0	122,385	137,636	0	137,636	0.00%	VMASC
300592-010	20%	OLD DOMINION UNIVERSITY	ROBINSON, ROBERT	4071	112,403	9,566	0	0	121,969	0	121,969	0.00%	VMASC
200329-010	No	CENTER FOR INNOVATIVE TECHNOLOGY	SHETTY, SACHIN	4075	32,281	0	0	0	32,281	9,684	41,965	30.00%	VMASC
300388-010	No	NORFOLK STATE UNIVERSITY	SHETTY, SACHIN	4075	226,193	5,594	0	29,074	260,861	127,483	388,344	48.87%	VMASC
300390-010	No	UNIVERSITY OF ILLINOIS (ALL CAMPUSES)	SHETTY, SACHIN	4075	15,078	11,406	0	0	26,484	14,566	41,050	55.00%	VMASC
300390-020	No	UNIVERSITY OF ILLINOIS (ALL CAMPUSES)	SHETTY, SACHIN	4075	36,678	0	0	1,221	37,899	20,173	58,072	53.23%	VMASC
300390-030	No	UNIVERSITY OF ILLINOIS (ALL CAMPUSES)	SHETTY, SACHIN	4075	20,708	5,409	0	0	26,117	14,365	40,482	55.00%	VMASC
300390-040	No	UNIVERSITY OF ILLINOIS (ALL CAMPUSES)	SHETTY, SACHIN	4075	43,389	150	0	9,266	52,805	23,947	76,752	45.35%	VMASC
300514-010	No	UNIVERSITY OF ILLINOIS (ALL CAMPUSES)	SHETTY, SACHIN	4075	(662)	0	0	0	(662)	(364)	(1,026)	54.98%	VMASC
300542-010	No	OLD DOMINION UNIVERSITY	SHETTY, SACHIN	4075	10,649	17,774	0	0	28,423	15,633	44,056	55.00%	VMASC
300609-010	No	UNIVERSITY OF ILLINOIS (ALL CAMPUSES)	SHETTY, SACHIN	4075	50,518	0	0	0	50,518	27,785	78,303	55.00%	VMASC
300623-010	40%	HOWARD UNIVERSITY	SHETTY, SACHIN	4075	21,460	0	0	0	21,460	11,803	33,263	55.00%	VMASC
300656-010	60%	OLD DOMINION UNIVERSITY	SHETTY, SACHIN	4075	1,712	0	0	0	1,712	0	1,712	0.00%	VMASC
300657-010	5%	OLD DOMINION UNIVERSITY	SHETTY, SACHIN	4075	293	0	0	0	293	0	293	0.00%	VMASC
300663-010	No	OLD DOMINION UNIVERSITY	SHETTY, SACHIN	4075	4,151	0	0	0	4,151	0	4,151	0.00%	VMASC
300667-010	No	VA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY	SHETTY, SACHIN	4075	11,202	0	0	0	11,202	6,161	17,363	55.00%	VMASC
400358-010	No	SENTARA HEALTHCARE	SHETTY, SACHIN	4075	127,993	35,541	0	13,705	177,239	97,480	274,719	55.00%	VMASC
400424-010	No	ELECTRIC POWER RESEARCH INSTITUTE	SHETTY, SACHIN	4075	3,042	0	0	1,652	4,694	1,673	6,367	35.64%	VMASC
400446-010	No	MITRE CORPORATION	SHETTY, SACHIN	4075	54,475	0	0	693	55,168	29,961	85,129	54.31%	VMASC
400475-010	No	VA TECH ARC	SHETTY, SACHIN	4075	13,021	759	0	0	13,780	0	13,780	0.00%	VMASC
500403-010	No	FRONTIER TECHNOLOGY INC.	SHETTY, SACHIN	4075	217,234	(1,576)	0	0	215,658	140,178	355,836	65.00%	VMASC
500434-001	30%	CIRCADENCE	SHETTY, SACHIN	4075	25,555	0	0	0	25,555	16,611	42,166	65.00%	VMASC
100888-010	25%	NATIONAL ENDOWMENT FOR THE HUMANITIES	SHULL, JOHN	4071	3,822	0	0	0	3,822	1,223	5,045	32.00%	VMASC
300568-010	No	OLD DOMINION UNIVERSITY	SHULL, JOHN	4071	37,627	0	0	0	37,627	0	37,627	0.00%	VMASC
300675-010	20%	OLD DOMINION UNIVERSITY	SHULL, JOHN	4071	1,753	0	0	0	1,753	0	1,753	0.00%	VMASC
400455-010	No	CENTER FOR MIND AND CULTURE	SHULL, JOHN	4071	42,676	9,674	23,293	0	75,643	7,852	83,495	10.38%	VMASC
500391-010	20%	CAMBER CORPORATION	SHULL, JOHN	9010	0	0	0	2,494	2,494	1,621	4,115	65.00%	VMASC
100790-011	10%	NAVAL SEA SYSTEMS COMMAND	SMITH, KATHERINE	4071	9,356	8	0	(50)	9,314	6,086	15,400	65.34%	VMASC
200345-010	40%	NEWPORT NEWS PUBLIC SCHOOLS	SMITH, KATHERINE	4071	5,459	0	0	0	5,459	3,002	8,461	54.99%	VMASC
300658-010	33%	OLD DOMINION UNIVERSITY	SMITH, KATHERINE	4071	8,469	0	0	0	8,469	0	8,469	0.00%	VMASC
300671-010	25%	OLD DOMINION UNIVERSITY	SMITH, KATHERINE	4071	1,257	0	0	0	1,257	0	1,257	0.00%	VMASC
500435-010	50%	VALKYRIE ENTERPRISES, INC.	SMITH, KATHERINE	4071	91,306	0	0	0	91,306	59,349	150,655	65.00%	VMASC
500442-010	No	TED TEXT LLC	SMITH, KATHERINE	4071	35,545	0	0	0	35,545	23,104	58,649	65.00%	VMASC
100105-020	No	NAVSUP FLEET LOGISTICS CENTER NORFOLK	SOKOLOWSKI, JOHN	4071	0	0	0	0	0	(1)	(1)	0.00%	VMASC
300380-010	50%	OLD DOMINION UNIVERSITY	WEIGLE, MICHELE	6093	0	(2,404)	0	11,755	9,351	0	9,351	0.00%	VMASC
100647-010	No	NAVSUP FLEET LOGISTICS CENTER NORFOLK	WEISEL, ERIC	4071	0	0	0	13,929	13,929	5,014	18,943	36.00%	VMASC

SCHEDULE 5

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION

ENTERPRISE CENTERS INCLUDING PROJECTS REPORTED AS ACTIVITY OF AN ACADEMIC DEPARTMENT

(MEASURED BY EXPENDITURES INCURRED)

FOR FISCAL YEAR 2021

PROJECT NUMBER	SPLIT	SPONSORING AGENCY	PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR	DEPT	PERSONNEL AND FRINGE BENEFITS	SUPPLIES, CONTRACTUAL, GENERAL, & TRAVEL	EQUIPMENT	STIPENDS, SUBCONTRACTS, TUITION, OTHER	TOTAL DIRECT COSTS	REIMBURSED INDIRECT COSTS	TOTAL PROJECT COSTS	EFFECTIVE INDIRECT COST RATE	ENTERPRISE CODE
100830-010	No	NORFOLK NAVAL SHIPYARD	WEISEL, ERIC	4071	0	3,119	0	0	3,119	998	4,117	32.00%	VMASC
100834-010	No	NAVSUP FLEET LOGISTICS CENTER NORFOLK	WEISEL, ERIC	4071	7,259	0	0	454,291	461,550	(4,806)	456,744	-1.04%	VMASC
200302-010	No	VA DEPARTMENT OF ECONOMIC DEVELOPMENT	WEISEL, ERIC	4071	367,065	0	0	0	367,065	39,766	406,831	10.83%	VMASC
200302-030	No	VA DEPARTMENT OF ECONOMIC DEVELOPMENT	WEISEL, ERIC	9010	0	26,000	0	0	26,000	2,817	28,817	10.83%	VMASC
300592-010	20%	OLD DOMINION UNIVERSITY	WEISEL, ERIC	4071	112,403	9,566	0	0	121,969	0	121,969	0.00%	VMASC
400193-000	No	NONE	WEISEL, ERIC	4071	0	5,346	0	0	5,346	0	5,346	0.00%	VMASC
500339-010	No	OCEAN BAY, LLC	WEISEL, ERIC	9010	500	0	0	0	500	275	775	55.00%	VMASC
500379-010	No	D'ANGELO TECHNOLOGIES LLC	WEISEL, ERIC	9010	0	0	0	3,394	3,394	2,206	5,600	65.00%	VMASC
500379-020	50%	D'ANGELO TECHNOLOGIES LLC	WEISEL, ERIC	4071	44,598	1,110	0	0	45,708	29,709	75,417	65.00%	VMASC
500422-010	No	LOCKWOOD HILLS FEDERAL LLC	WEISEL, ERIC	9010	8,174	0	0	9	8,183	5,320	13,503	65.01%	VMASC
500434-001	10%	CIRCADENCE	WEISEL, ERIC	4071	8,518	0	0	0	8,518	5,537	14,055	65.00%	VMASC
VIRGINIA MODELING AND SIMULATION CENTER (VMASC)					**4,539,165**	**568,991**	**24,643**	**2,357,114**	**7,489,913**	**1,800,640**	**9,290,553**	**24.04%**	
TOTAL ENTERPRISE CENTERS INCLUDING PROJECTS REPORTED AS ACTIVITY OF AN ACADEMIC DEPARTMENT					**6,988,698**	**1,021,037**	**144,783**	**3,200,405**	**11,354,923**	**3,151,626**	**14,506,549**	**27.76%**	

SCHEDULE 6

Sponsored Program Activity

Proposals Submitted and Awards Funded

Fiscal Year 2021 through Fiscal Year 2017

SCHEDULE 6

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
SUMMARY OF PROPOSAL AND AWARD ACTIVITY
FISCAL YEAR 2021 THROUGH FISCAL YEAR 2017

	PROPOSALS SUBMITTED					AWARDS FUNDED				
	FY 21	FY 20	FY 19	FY 18	FY 17	FY 21	FY 20	FY 19	FY 18	FY 17
COLLEGE OF ARTS & LETTERS										
Art	$ -	$ -	$ 5,000	$ -	$ -	$ -	$ -	$ 2,250	$ -	$ -
Communication & Theatre Arts	80,200	277,419	383,136	98,956	418,145	20,200	-	-	-	-
English	821,446	21,000	-	4,000	-	249,531	174,540	149,094	146,385	128,777
History	67,000	147,404	-	75,000	54,630	7,000	-	-	75,000	60,930
International Studies	299,927	1,915	-	-	-	-	-	-	-	-
Philosophy & Religious Studies	395,000	236,000	25,768	18,680	19,980	42,580	-	19,220	-	-
Political Science & Geography	1,805,693	156,184	3,174,901	629,132	3,330,522	296,071	159,580	63,475	100,415	64,773
Social Science Research Center	856,333	636,770	1,202,714	281,686	591,003	114,520	212,102	200,263	193,540	167,967
Sociology & Criminal Justice	796,417	1,448,625	1,293,575	1,588,925	610,177	50,079	334,955	1,079,904	599,664	951,946
Women's Studies	-	-	-	-	-	-	-	-	18,886	-
Dean's Office	-	5,000	4,950	4,950	96,363	1,000	2,000	2,000	-	-
College Total	$ 5,122,016	$ 2,930,318	$ 6,090,044	$ 2,701,328	$ 5,120,820	$ 780,981	$ 883,177	$ 1,516,206	$ 1,133,890	$ 1,374,393
% Change from prior year	74.79%	-51.88%	125.45%	-47.25%	-5.43%	-11.57%	-41.75%	33.72%	-17.50%	76.24%
Average yearly increase (decrease)	0.00%					-8.64%				
STROME COLLEGE OF BUSINESS AND PUBLIC ADMINISTRATION										
Economics	$ 269,246	$ 302,411	$ 184,407	$ 131,296	$ 2,684,711	$ 26,850	$ 111,478	$ 153,732	$ 100,000	$ 113,137
Information Systems/Decision Science	198,527	211,838	1,147,060	1,644,963	3,035,573	218,969	217,720	196,604	338,655	296,496
Management	1,126,686	149,979	19,325	-	-	465,922	-	-	-	-
Marketing	42,500	80,000	569,068	-	243,271	12,500	18,750	-	-	15,000
School of Public Service	1,327,659	504,015	354,399	565,023	236,694	175,733	178,511	40,734	45,128	17,425
College Total	$ 2,964,618	$ 1,248,243	$ 2,274,258	$ 2,341,282	$ 6,200,248	$ 899,974	$ 526,459	$ 391,070	$ 483,782	$ 442,058
% Change from prior year	137.50%	-45.11%	-2.86%	-62.24%	74.39%	70.95%	34.62%	-19.16%	9.44%	123.87%
Average yearly increase (decrease)	-10.44%					20.72%				
DARDEN COLLEGE OF EDUCATION & PROFESSIONAL STUDIES										
Center for Educ Partnerships	$ 4,072,297	$ 3,478,882	$ 7,686,923	$ 22,940,225	$ 6,650,683	$ 438,668	$ 2,613,073	$ 999,240	$ 39,049	$ 34,404
Communication Disorders and Special Education	16,575,470	5,597,193	12,497,236	8,552,305	16,834,358	5,069,666	4,780,228	4,965,604	3,824,280	4,292,759
Counseling and Human Services	3,135,000	817,574	1,281,136	1,390,103	1,533,580	327,400	1,262,164	339,269	334,421	369,333
Educational Foundations and Leadership	1,945,959	4,142,739	1,785,834	325,492	2,324,355	125,461	257,992	151,612	395,910	231,430
Human Movement Sciences	3,332,804	2,463,160	1,440,098	156,884	877,430	674,749	724,541	59,981	24,715	62,765
STEM Education and Professional Studies	1,699,130	1,643,093	1,538,044	2,039,326	1,894,113	801,131	56,739	345,267	358,351	376,911
Teaching and Learning	987,218	1,540,543	2,895,005	1,657,126	1,259,055	456,419	1,163,600	460,392	32,000	245,308
Dean's Office	1,197,114	1,184,008	619,314	702,703	4,183,851	1,000,423	593,830	291,720	468,185	784,748
College Total	$ 32,944,992	$ 20,867,191	$ 29,743,590	$ 37,764,164	$ 35,557,426	$ 8,893,917	$ 11,452,167	$ 7,613,085	$ 5,476,911	$ 6,397,658
% Change from prior year	57.88%	-29.84%	-21.24%	6.21%	30.42%	-22.34%	50.43%	39.00%	-14.39%	12.33%
Average yearly increase (decrease)	9.69%					7.80%				

SCHEDULE 6

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
SUMMARY OF PROPOSAL AND AWARD ACTIVITY
FISCAL YEAR 2021 THROUGH FISCAL YEAR 2017

	PROPOSALS SUBMITTED					AWARDS FUNDED				
	FY 21	FY 20	FY 19	FY 18	FY 17	FY 21	FY 20	FY 19	FY 18	FY 17
BATTEN COLLEGE OF ENGINEERING & TECHNOLOGY										
Applied Research Center - ARC	$ -	$ -	$ -	$ -	$ 197,900	$ -	$ -	$ -	$ -	$ -
Civil & Environmental Engineering	16,278,678	10,820,001	11,204,420	11,070,179	9,811,865	1,655,545	1,973,951	311,001	562,086	1,147,780
Electrical & Computer Engineering	25,045,639	28,154,718	22,941,179	18,663,198	15,438,102	1,773,719	3,160,183	4,411,614	3,286,824	2,723,430
Engineering Management & Systems Engineering	815,243	1,292,757	5,908,403	8,964,742	10,490,564	64,500	1,156,104	1,090,196	736,806	446,196
Engineering Technology	5,462,777	3,794,061	4,781,795	6,841,175	13,828,359	227,372	1,117,290	1,108,725	1,469,064	312,765
Mechanical & Aerospace Engineering	17,166,377	11,327,258	21,313,788	9,837,146	5,813,200	1,408,267	1,492,622	1,830,812	1,148,510	978,171
Computational Modeling & Simulation Engineering	13,257,029	14,341,193	11,124,615	11,870,761	11,632,827	1,951,211	2,240,891	2,099,288	2,245,758	2,594,582
Dean's Office	994,340	2,191,960	3,945,886	2,196,972	4,218,917	38,899	893,231	686,868	1,217,236	1,593,522
College Total	$ 79,020,083	$ 71,921,949	$ 81,220,086	$ 69,444,173	$ 71,431,734	$ 7,119,513	$ 12,034,272	$ 11,538,505	$ 10,666,284	$ 9,796,447
% Change from prior year	9.87%	-11.45%	16.96%	-2.78%	9.01%	-40.84%	4.30%	8.18%	8.88%	0.02%
Average yearly increase (decrease)	2.12%					-5.47%				
COLLEGE OF HEALTH SCIENCES										
Community & Environmental Health	$ 3,560,470	$ 1,553,912	$ 2,320,772	$ 1,920,808	$ 2,422,111	$ 269,161	$ 200,167	$ 195,175	$ 108,495	$ 227,814
Dental Hygiene	77,757	150,080	378,631	248,698	330,369	18,000	27,080	24,580	21,347	21,380
Medical Diagnostic & Translation Sciences	9,297,689	4,488,503	8,367,895	7,401,738	14,773,634	920,473	527,090	2,054,167	1,016,435	879,152
Nursing	694,785	5,512,357	4,003,517	741,252	1,949,918	1,136,587	1,351,763	689,031	902,948	1,928,280
Rehabilitative Sciences	5,451,071	111,128	283,519	2,160,993	3,218,919	27,346	45,145	72,727	-	88,183
Dean's Office	151,529	2,500	5,000	34,320	295,366	-	-	35,534	332,822	-
College Total	$ 19,233,301	$ 11,818,480	$ 15,359,333	$ 12,507,808	$ 22,990,316	$ 2,371,567	$ 2,151,245	$ 3,071,213	$ 2,382,046	$ 3,144,809
% Change from prior year	22.80%	22.80%	22.80%	-45.60%	81.12%	10.24%	-29.95%	28.93%	-24.25%	-23.37%
Average yearly increase (decrease)	-3.27%					-4.92%				
COLLEGE OF SCIENCES										
Biological Sciences	$ 11,245,141	$ 23,938,562	$ 19,669,550	$ 20,180,662	$ 21,225,853	$ 2,026,865	$ 2,955,001	$ 1,614,083	$ 8,630,596	$ 2,156,245
Center for Coastal Physical Oceanography	10,937,547	932,389	491,479	1,505,198	6,905,188	577,163	584,482	491,878	984,115	483,646
Chemistry and Biochemistry	14,920,122	26,169,341	12,899,711	10,074,984	110,099,209	2,044,733	1,412,480	1,260,811	1,755,060	3,142,914
Computer Science	6,574,651	8,145,059	9,285,954	9,280,151	5,577,469	1,801,096	1,488,819	1,009,917	754,950	1,167,987
Mathematics and Statistics	6,304,608	2,841,263	3,621,630	7,666,647	3,261,498	2,121,697	1,404,096	987,478	809,420	607,848
Ocean & Earth Sciences	11,726,706	11,267,053	7,595,972	7,955,365	13,842,728	2,579,980	1,043,826	2,701,640	2,311,194	4,093,621
Physics	3,835,206	6,389,451	5,893,239	9,097,709	10,824,028	4,856,722	2,281,495	4,301,120	3,208,820	2,499,353
Psychology	6,446,925	9,345,506	4,398,299	9,321,721	8,336,627	1,595,315	801,818	982,538	1,010,540	1,477,708
Dean's Office	-	250,000	1,824,722	-	643,150	-	-	-	33,600	-
College Total	$ 71,990,906	$ 89,278,623	$ 65,680,557	$ 75,082,437	$ 180,715,749	$ 17,603,571	$ 11,972,016	$ 13,349,465	$ 19,498,294	$ 15,629,323
% Change from prior year	-19.36%	35.93%	-12.52%	-58.45%	-7.06%	47.04%	-10.32%	-31.54%	24.75%	-5.26%
Average yearly increase (decrease)	-12.03%					2.53%				

SCHEDULE 6

OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
SUMMARY OF PROPOSAL AND AWARD ACTIVITY
FISCAL YEAR 2021 THROUGH FISCAL YEAR 2017

	PROPOSALS SUBMITTED					AWARDS FUNDED				
	FY 21	FY 20	FY 19	FY 18	FY 17	FY 21	FY 20	FY 19	FY 18	FY 17
OFFICE OF RESEARCH AND OTHER UNITS										
Office of Research	$ 316,081	$ 959,163	$ -	$ -	$ -	$ 342,116	$ 617,047	$ -	$ -	$ -
VMASC: Virginia Modeling, Analysis & Simulation Center	12,643,758	28,975,513	9,764,942	25,179,745	24,853,771	7,305,530	12,582,223	3,429,836	2,530,191	1,107,570
School of Cybersecurity	5,414,298	525,000	-	-	-	264,861	-	-	-	-
Frank Reidy Research Center for Bioelectrics	12,568,090	8,426,266	8,583,737	17,801,256	21,092,036	2,141,200	1,628,717	3,136,897	2,998,236	2,398,392
Institute for Innovation & Entrepreneurship	3,205,668	1,265,484	3,379,780	2,415,998	918,265	1,692,429	2,335,548	1,034,847	1,024,493	2,122,192
The Graduate School	174,556	199,587	3,225,288	1,767,104	-	151,525	150,698	139,237	750,568	
Micellaneous Units	5,260,097	9,091,940	4,344,078	3,771,939	5,163,059	1,991,675	829,190	1,429,573	470,002	1,706,003
Office of Research and Other Units Total	$ 39,582,548	$ 49,442,954	$ 29,297,825	$ 50,936,042	$ 52,027,131	$ 13,889,336	$ 18,143,423	$ 9,170,390	$ 7,773,490	$ 7,334,156
% Change from prior year	-19.94%	68.76%	-42.48%	-2.10%	-5.42%	-23.45%	97.85%	17.97%	5.99%	-5.05%
Average yearly increase (decrease)	-4.78%					17.88%				
TOTAL UNIVERSITY ACTIVITY	$ 250,858,464	$ 247,507,756	$ 229,665,693	$ 250,777,234	$ 374,043,425	$ 51,558,859	$ 57,162,759	$ 46,649,934	$ 47,414,697	$ 44,118,845
% CHANGE FROM PRIOR YEAR	1.35%	7.77%	-8.42%	-32.96%	2.78%	-9.80%	22.54%	-1.61%	7.47%	-1.50%
Average yearly increase (decrease)	-6.59%					3.37%				
AFFILIATED UNITS										
VA Tidewater Consortium for Higher Education	$ 2,857,975	$ -	$ 306,369	$ 125,615	$ 630,744	$ 571,595	$ 669,884	$ 661,684	$ 641,939	$ 517,182
VA Space Grant Consortium	5,665,976	9,303,662	3,758,640	4,900,217	2,147,569	3,225,389	3,843,972	1,697,358	2,158,725	4,361,998
Total Affiliated Units	$ 8,523,951	$ 9,303,662	$ 4,065,009	$ 5,025,832	$ 2,778,313	$ 3,796,984	$ 4,513,856	$ 2,359,042	$ 2,800,664	$ 4,879,180
% Change from prior year	-8.38%	128.87%	-19.12%	80.90%	-61.76%	-15.88%	91.34%	-15.77%	-42.60%	96.50%
Average yearly increase (decrease)	41.36%					-4.44%				
GRAND TOTAL	$ 259,382,415	$ 256,811,418	$ 233,730,702	$ 255,803,066	$ 376,821,737	$ 55,355,843	$ 61,676,615	$ 49,008,976	$ 50,215,361	$ 48,998,025
% CHANGE FROM PRIOR YEAR	1.00%	9.87%	-8.63%	-32.12%	1.52%	-10.25%	25.85%	-2.40%	2.48%	3.64%
Average yearly increase (decrease)	-6.23%					2.60%				